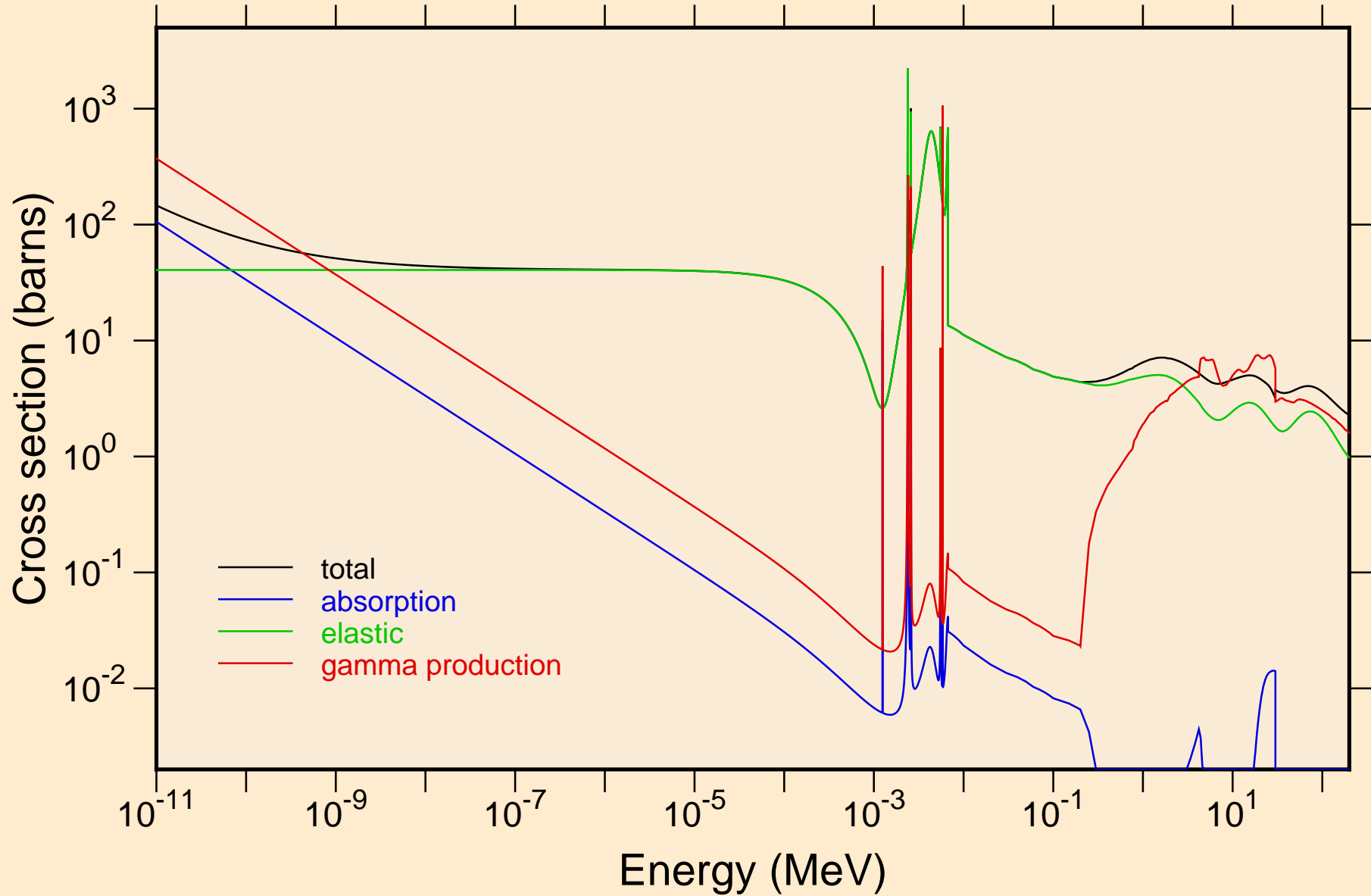
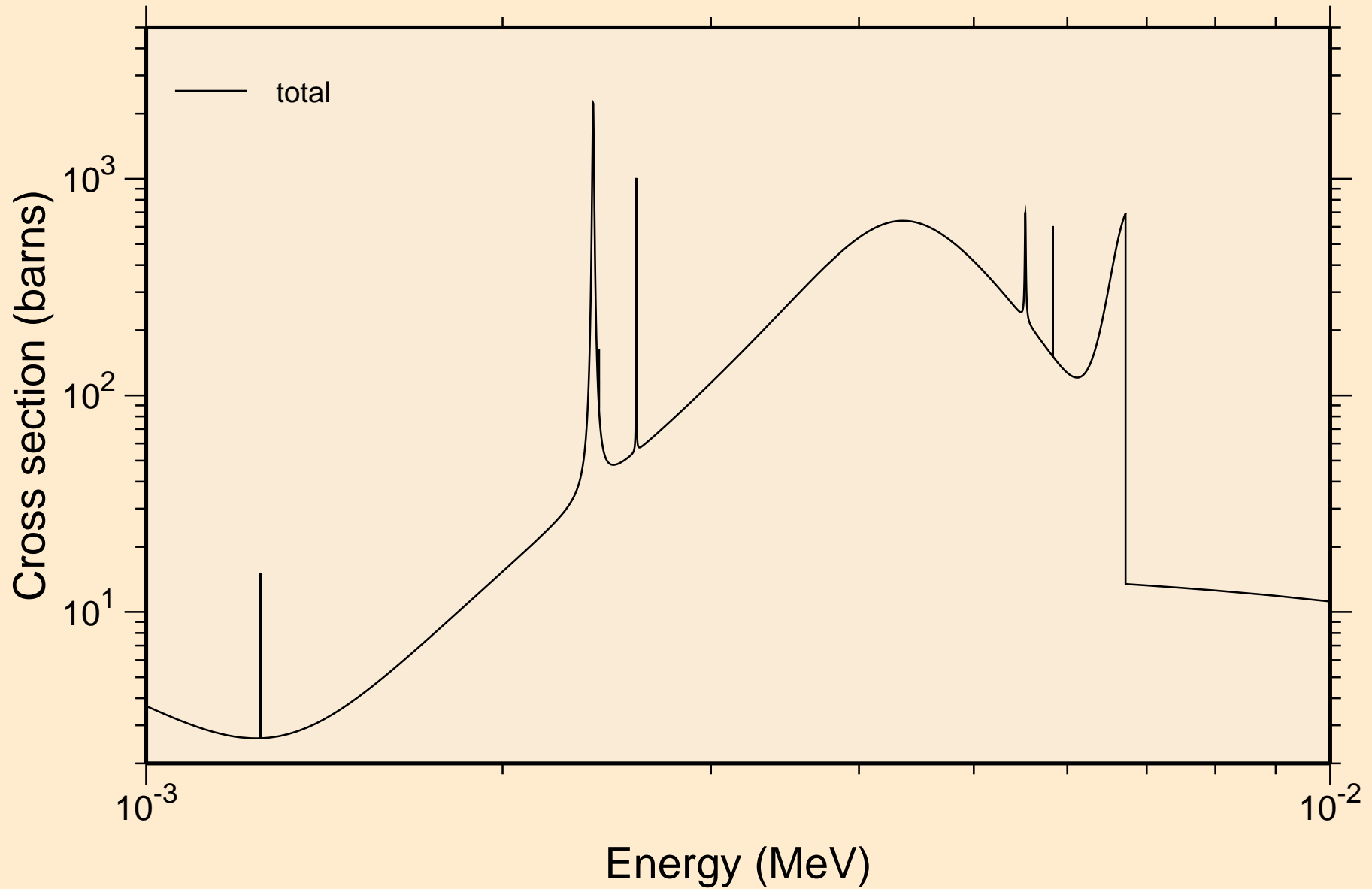


# BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

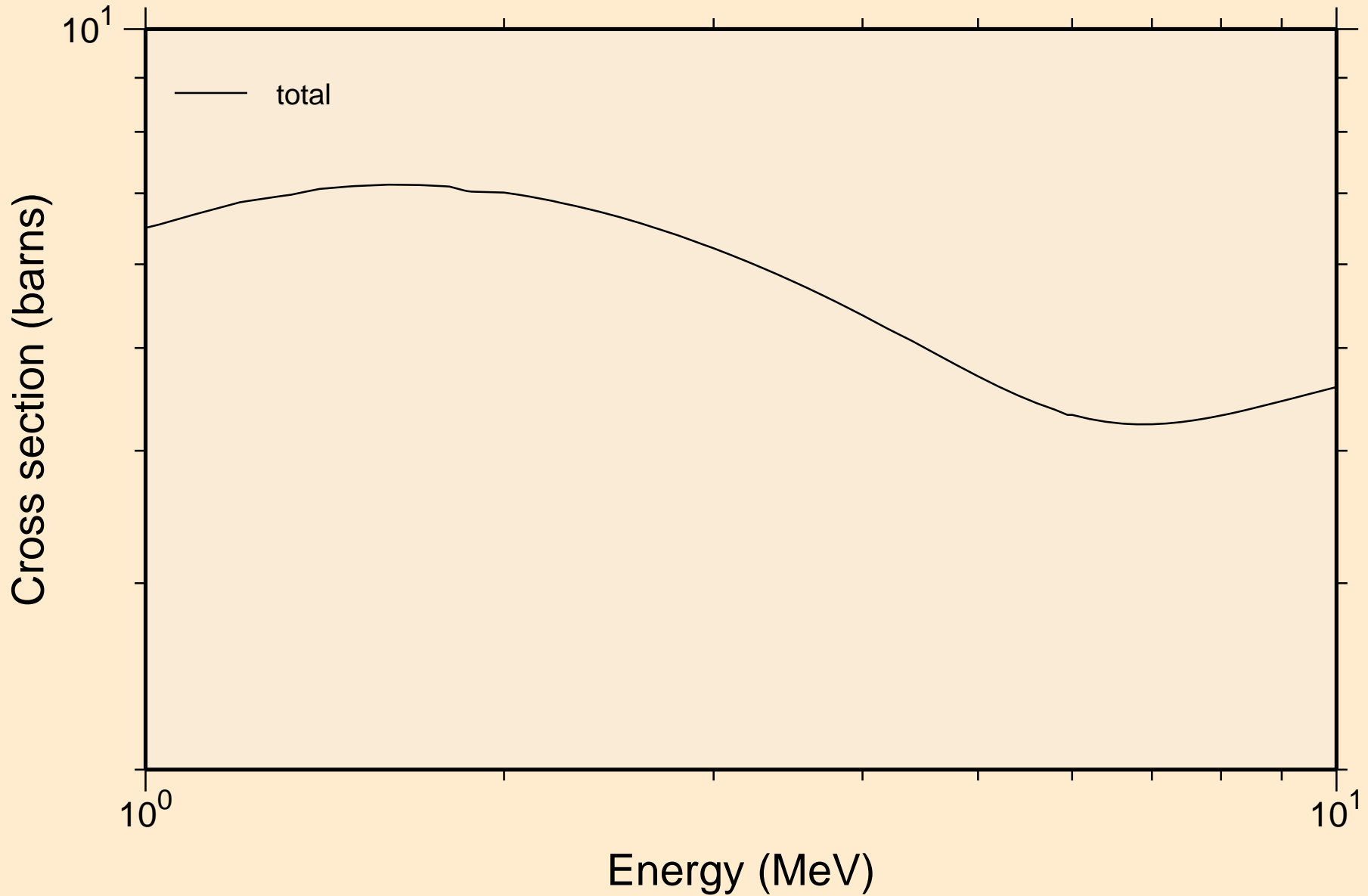
## Principal cross sections



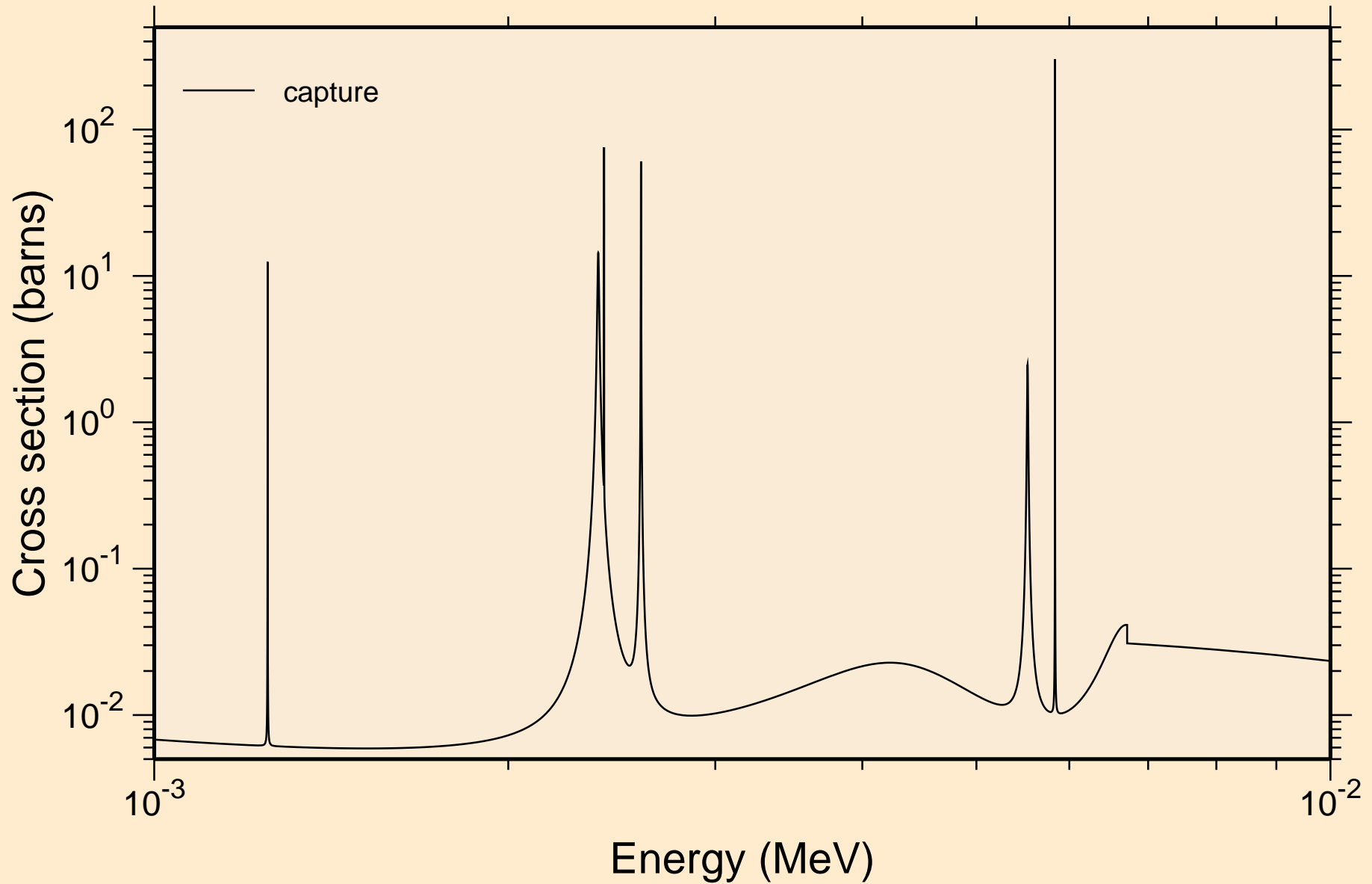
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



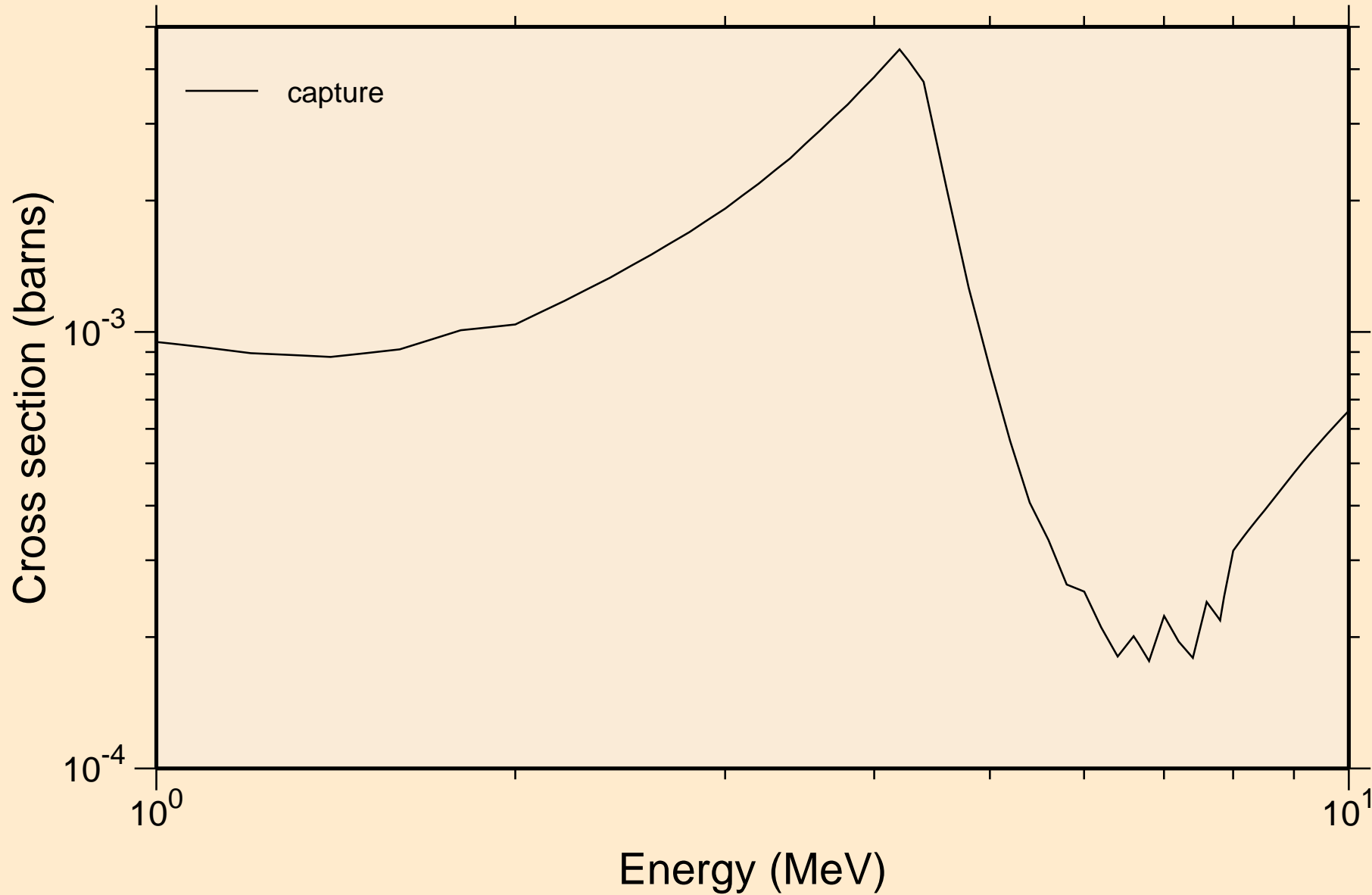
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



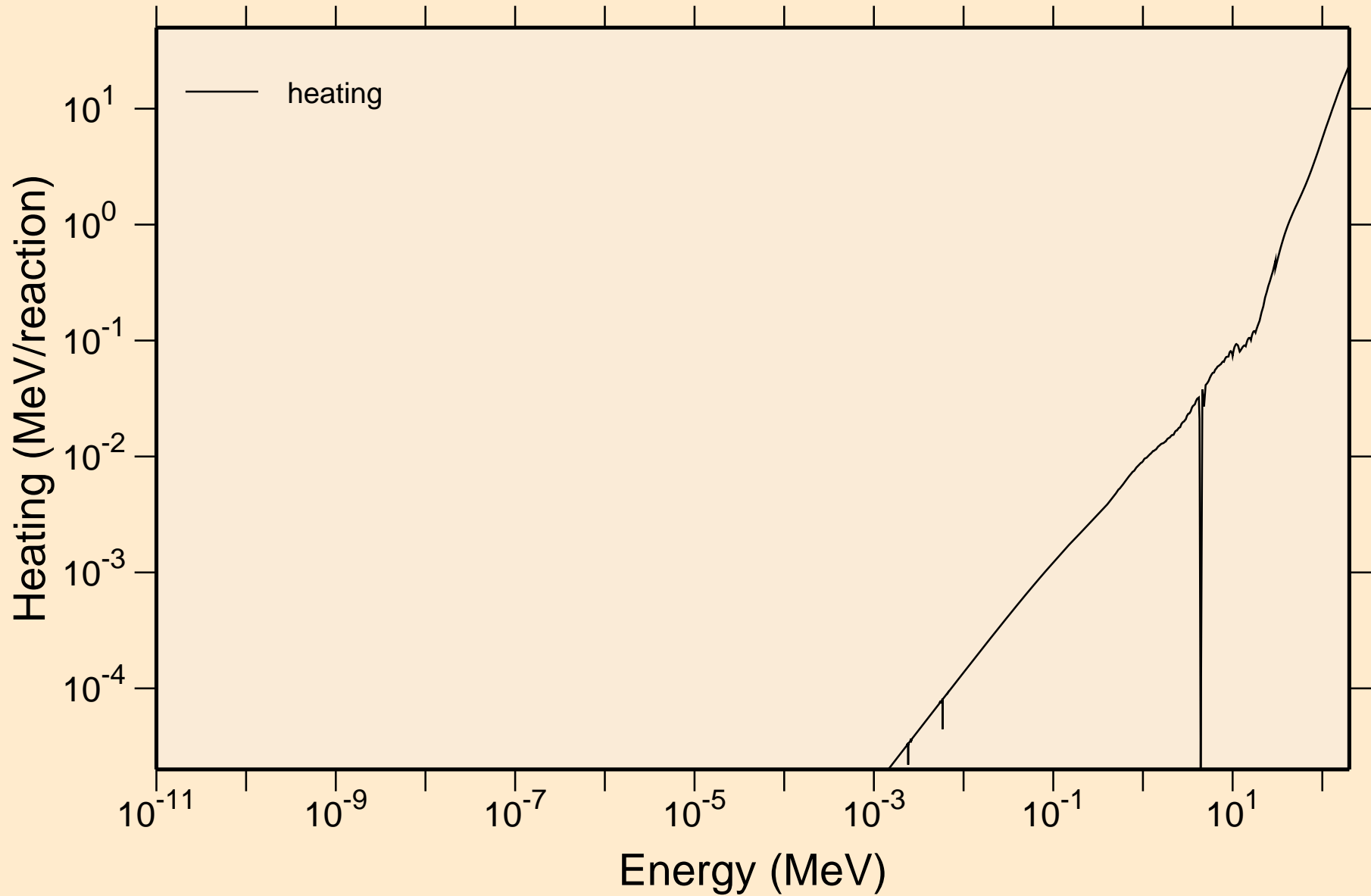
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



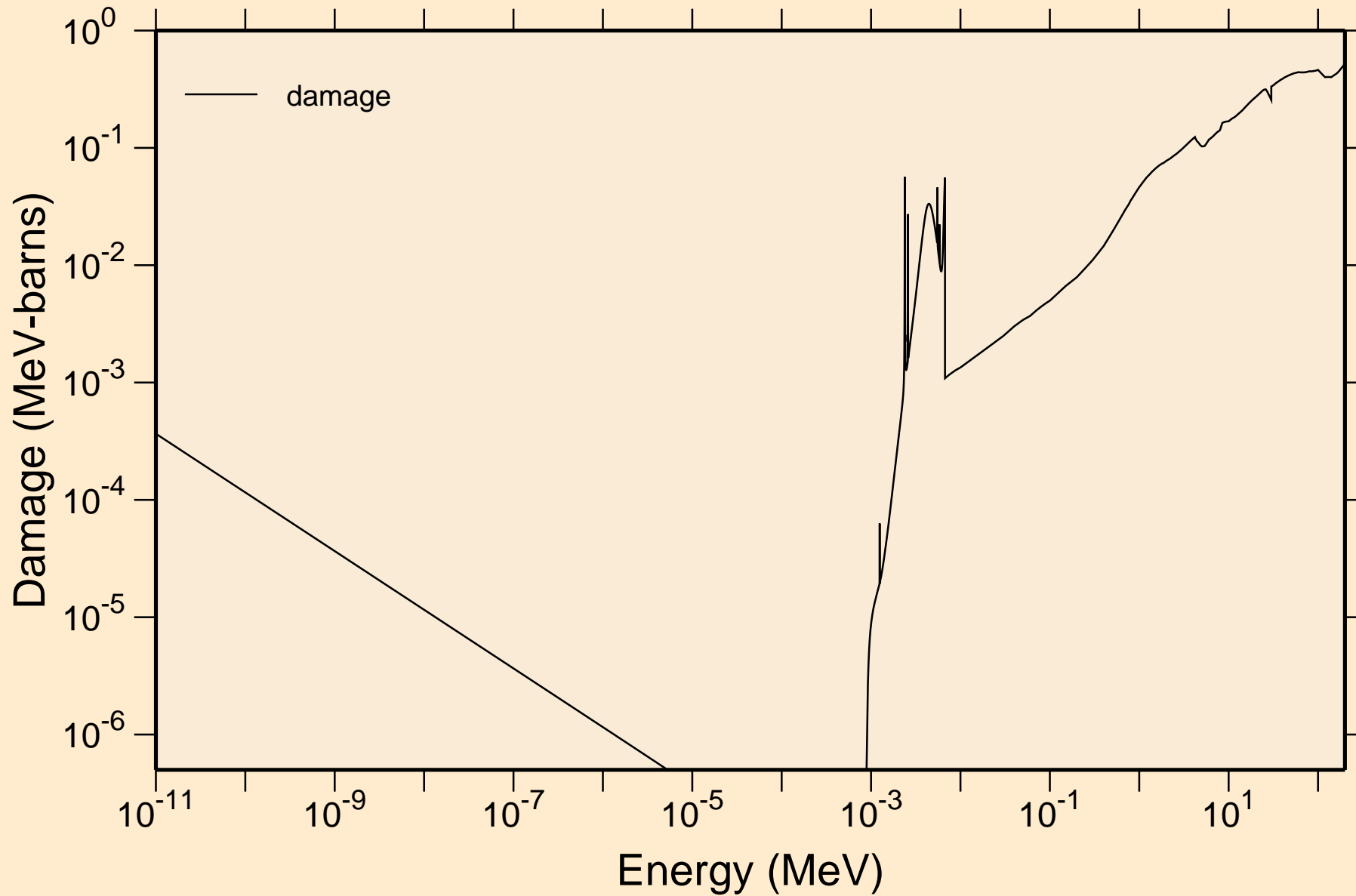
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



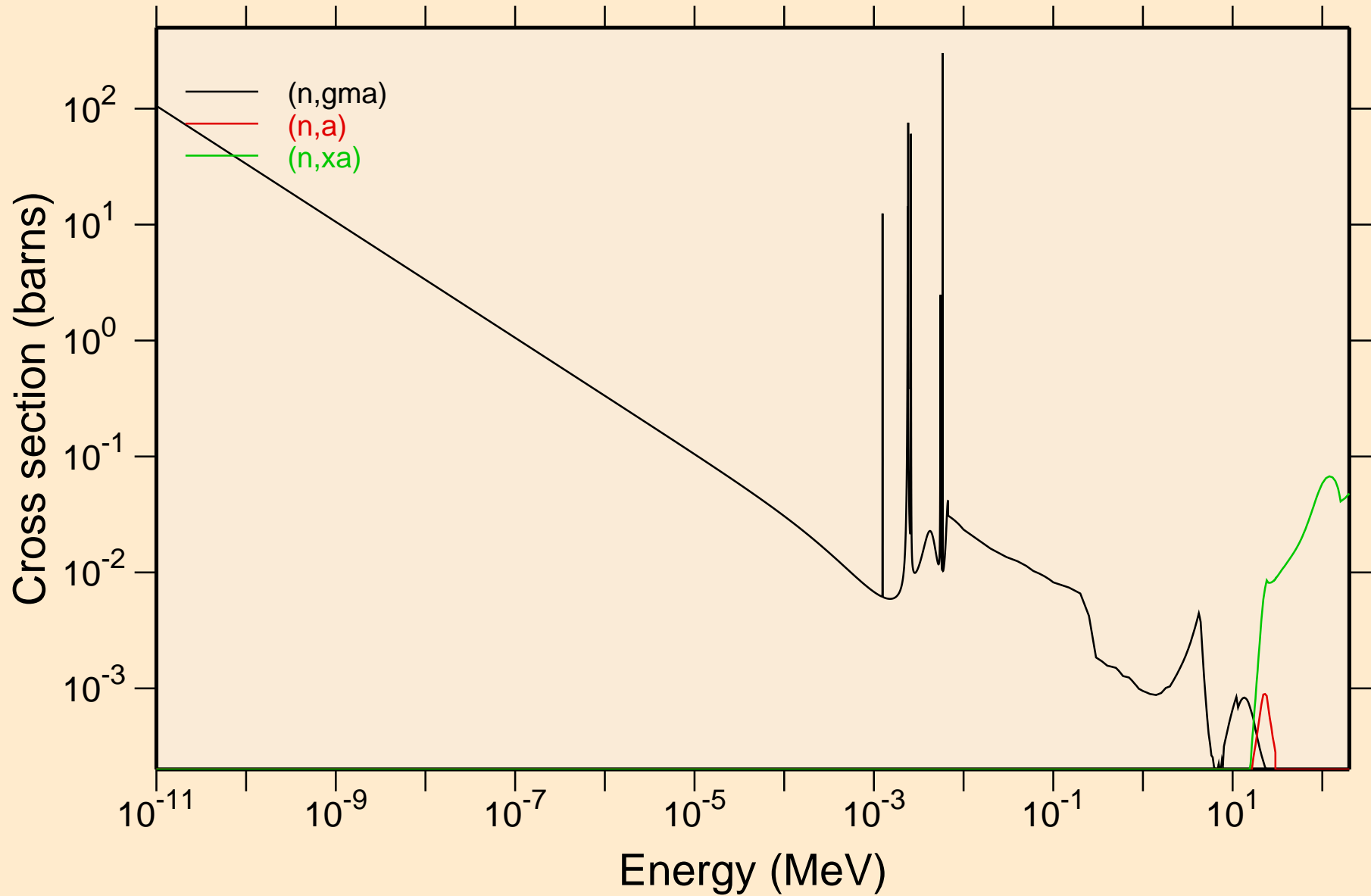
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

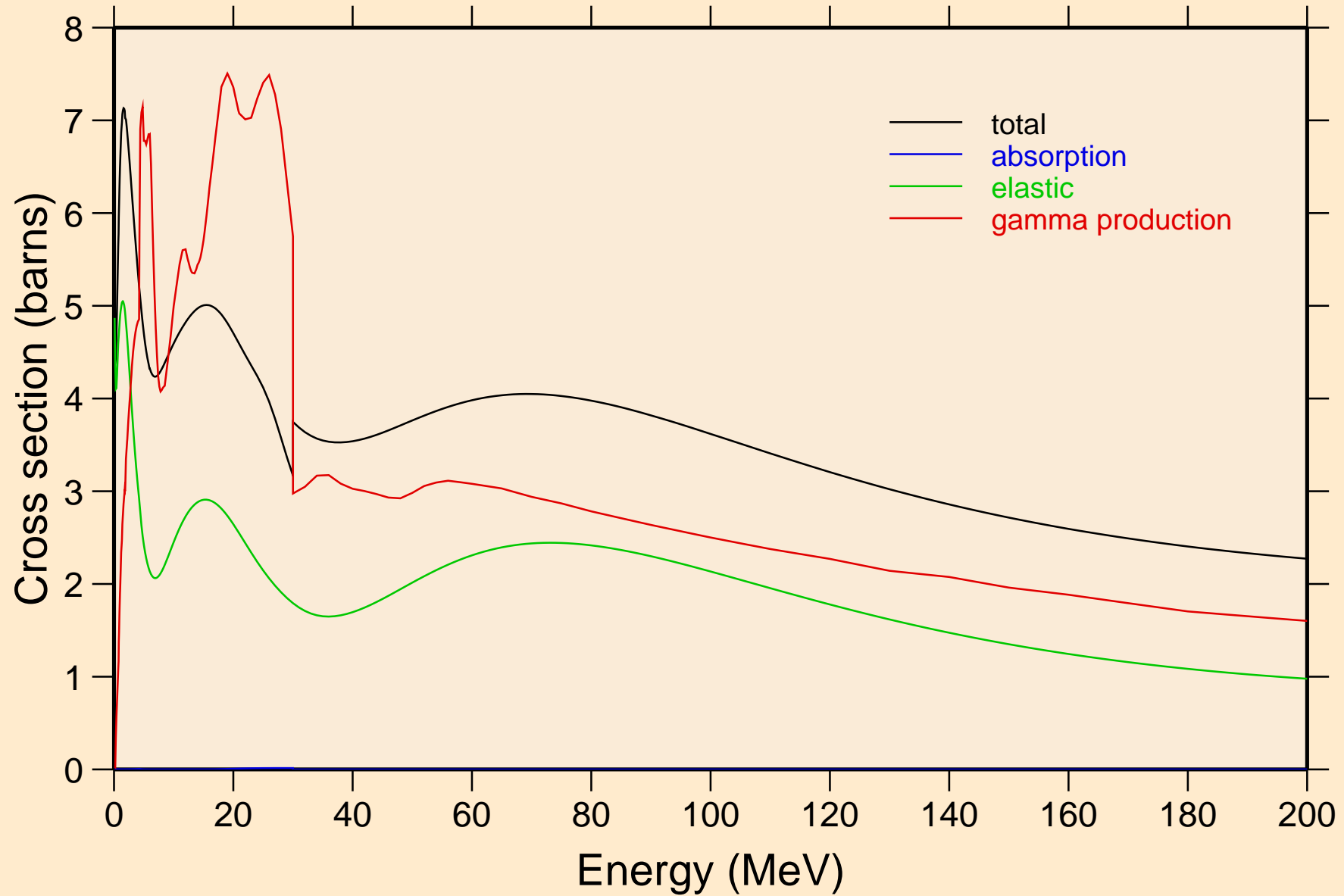


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



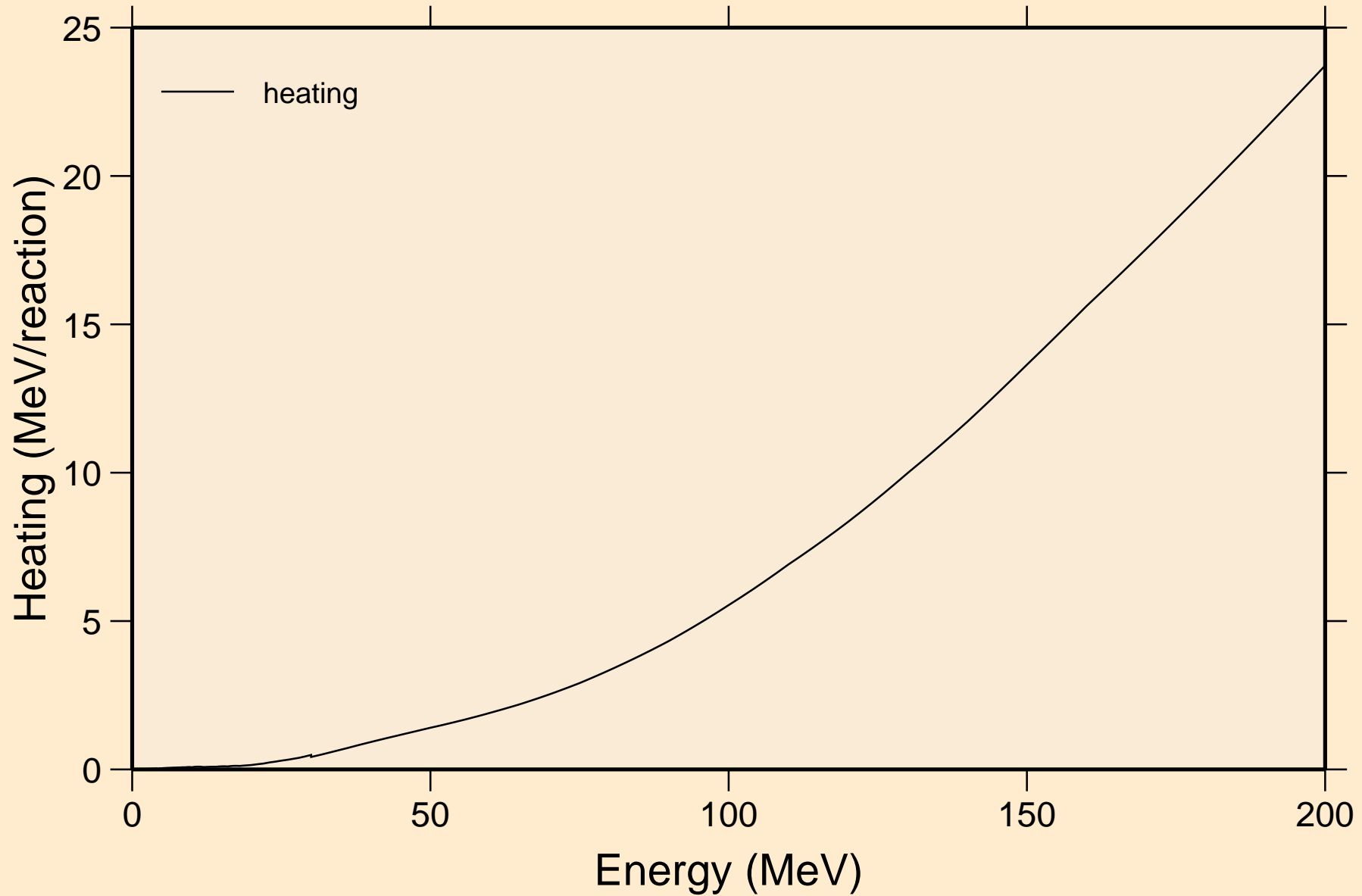


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

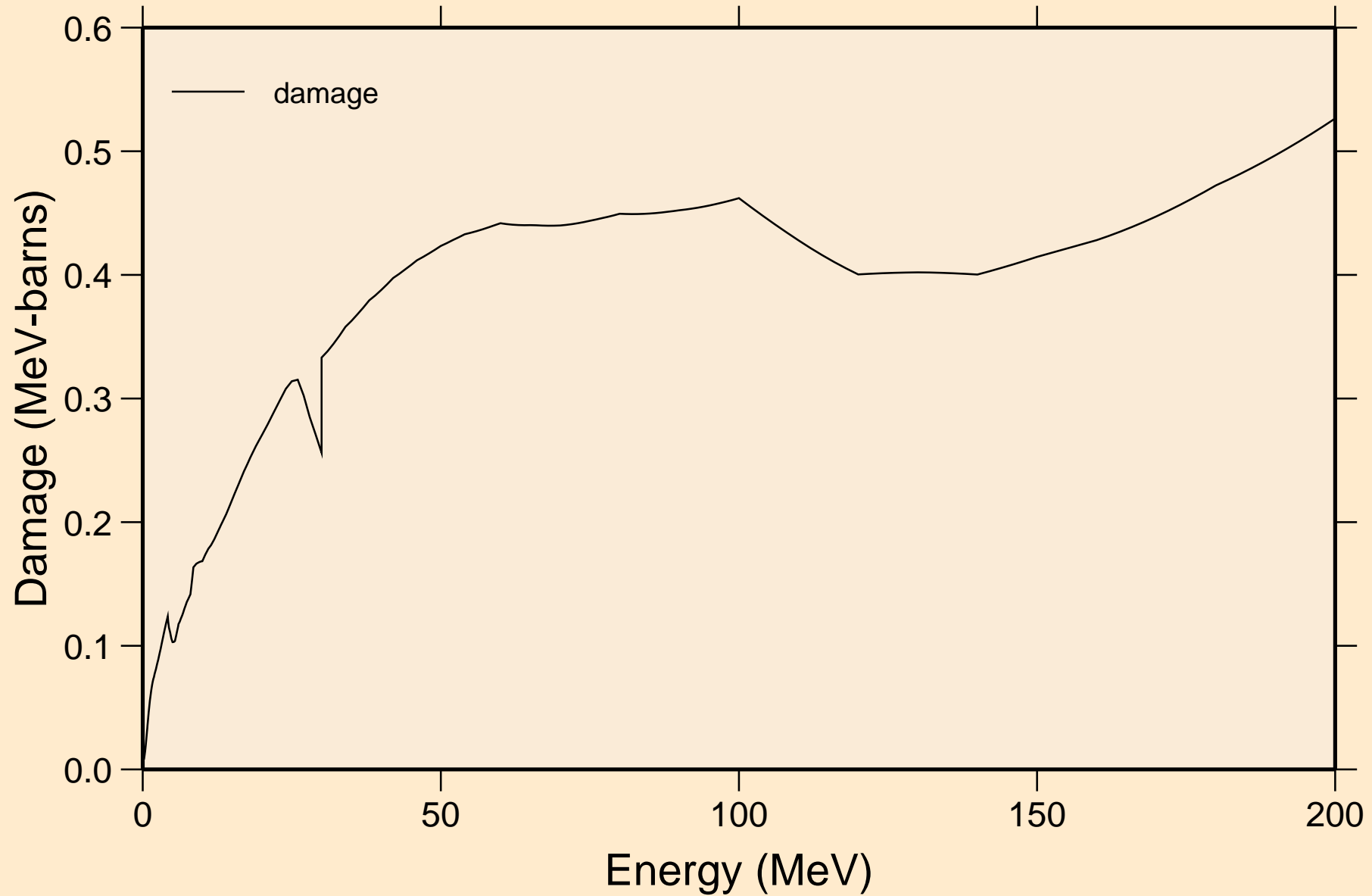


# BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

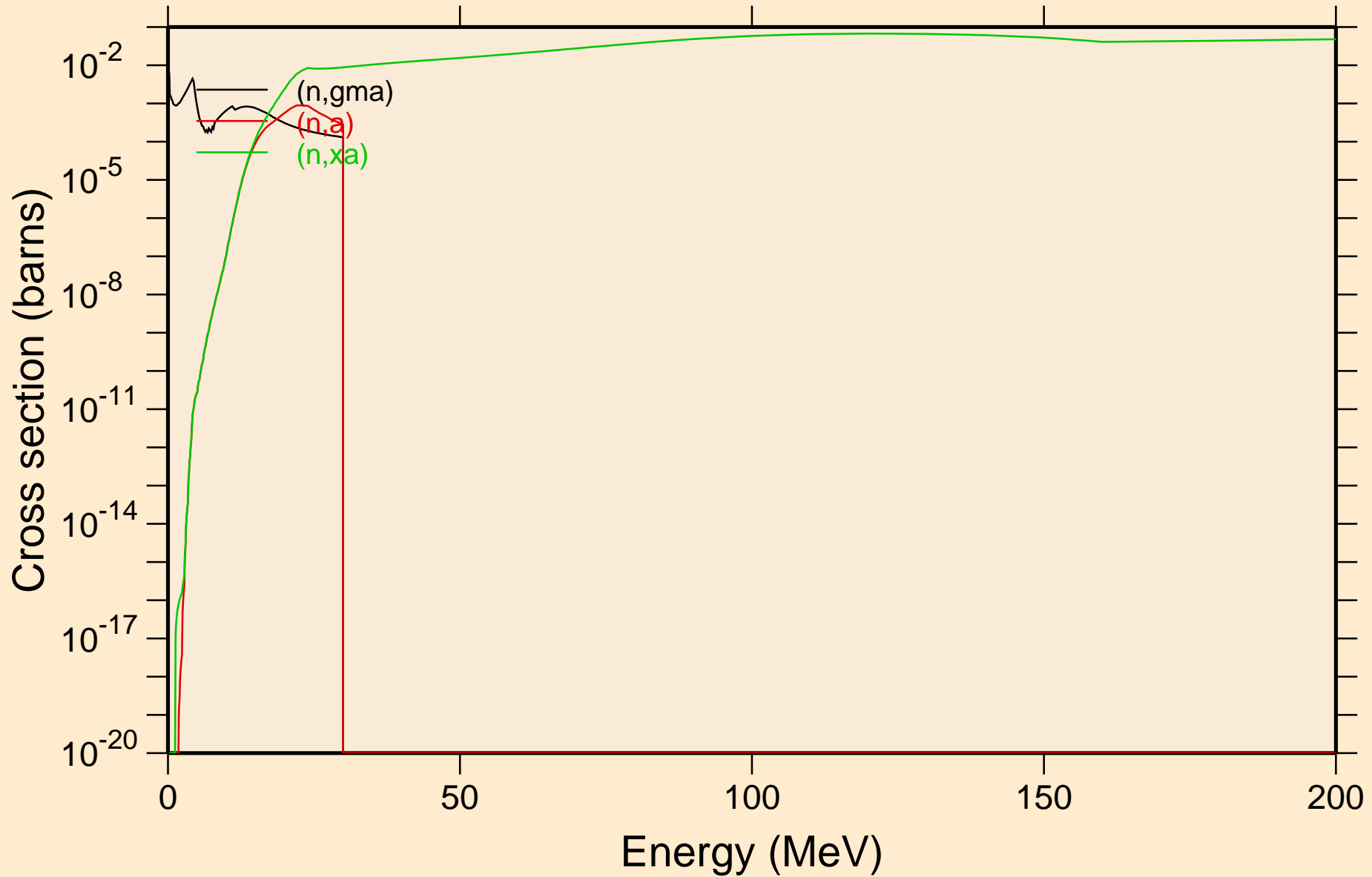
## Heating



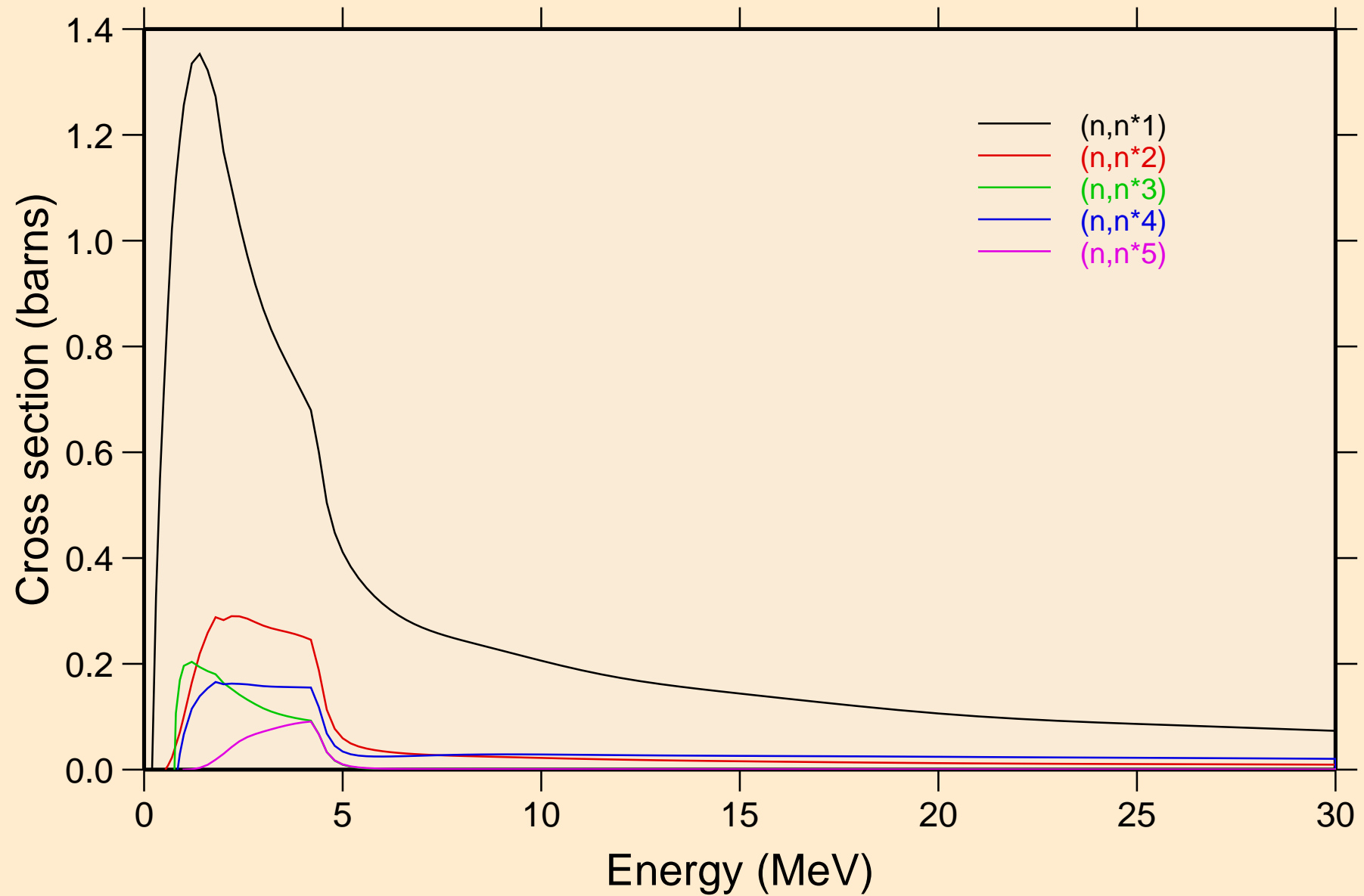
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



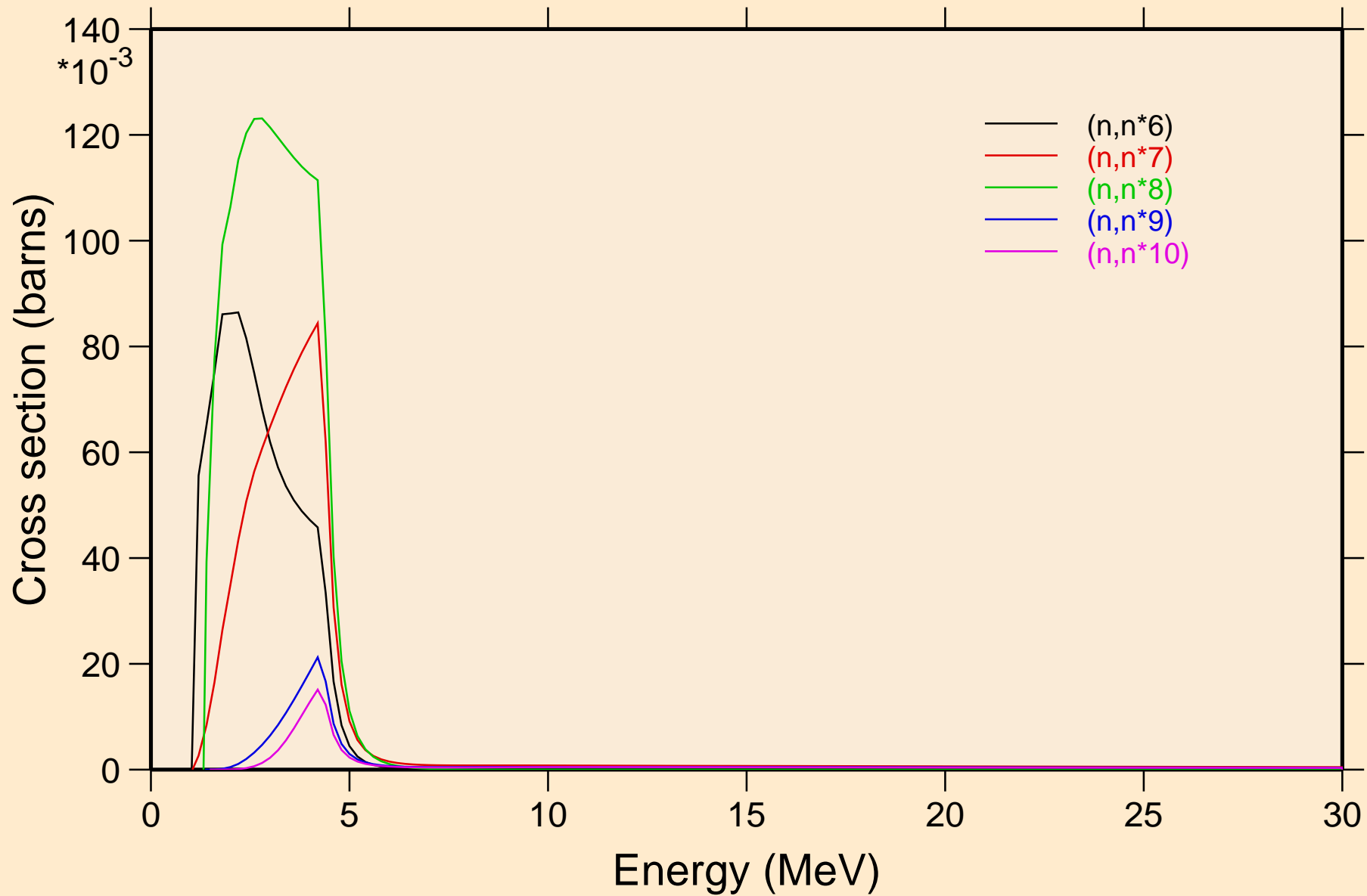
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



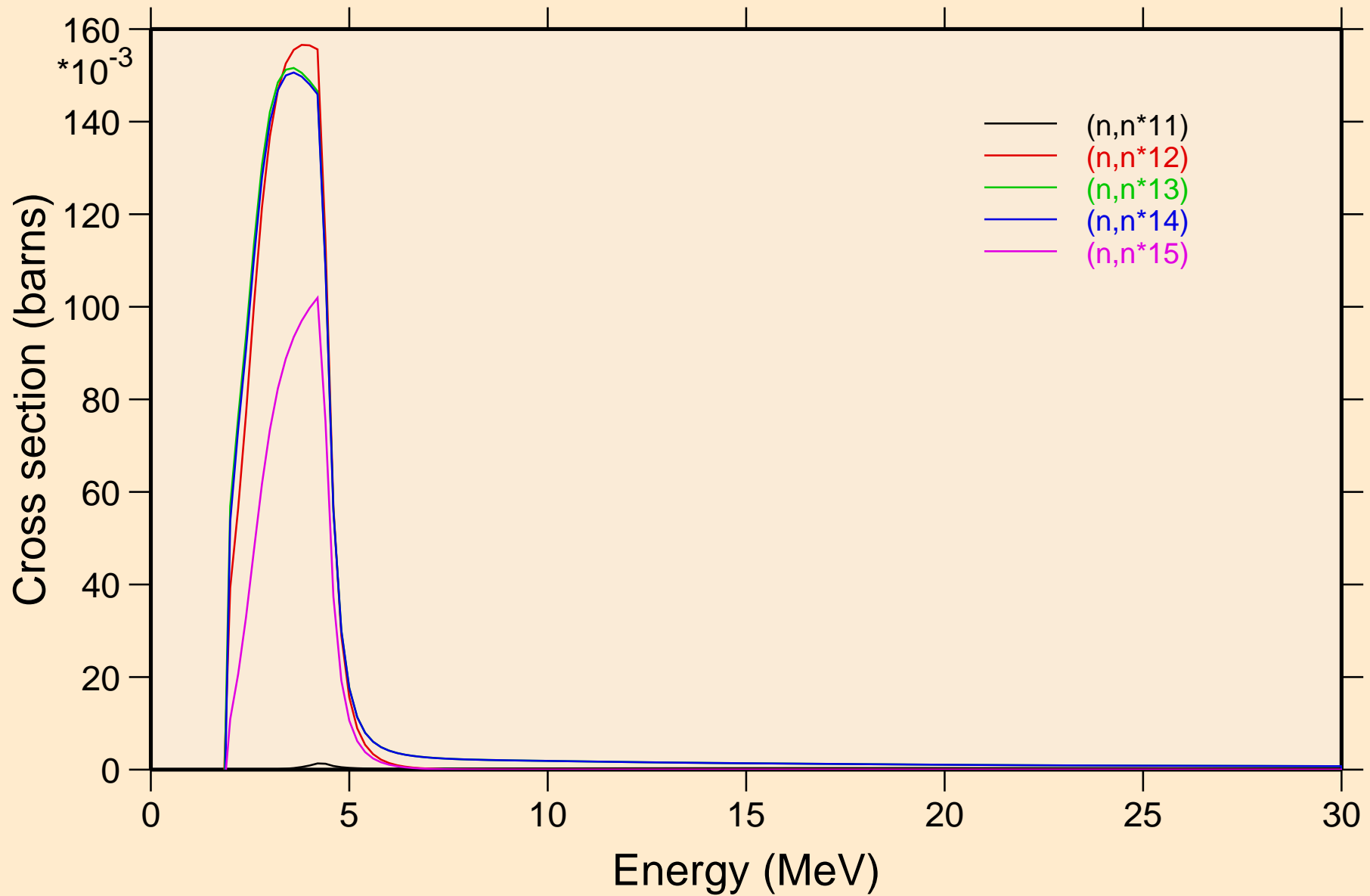
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



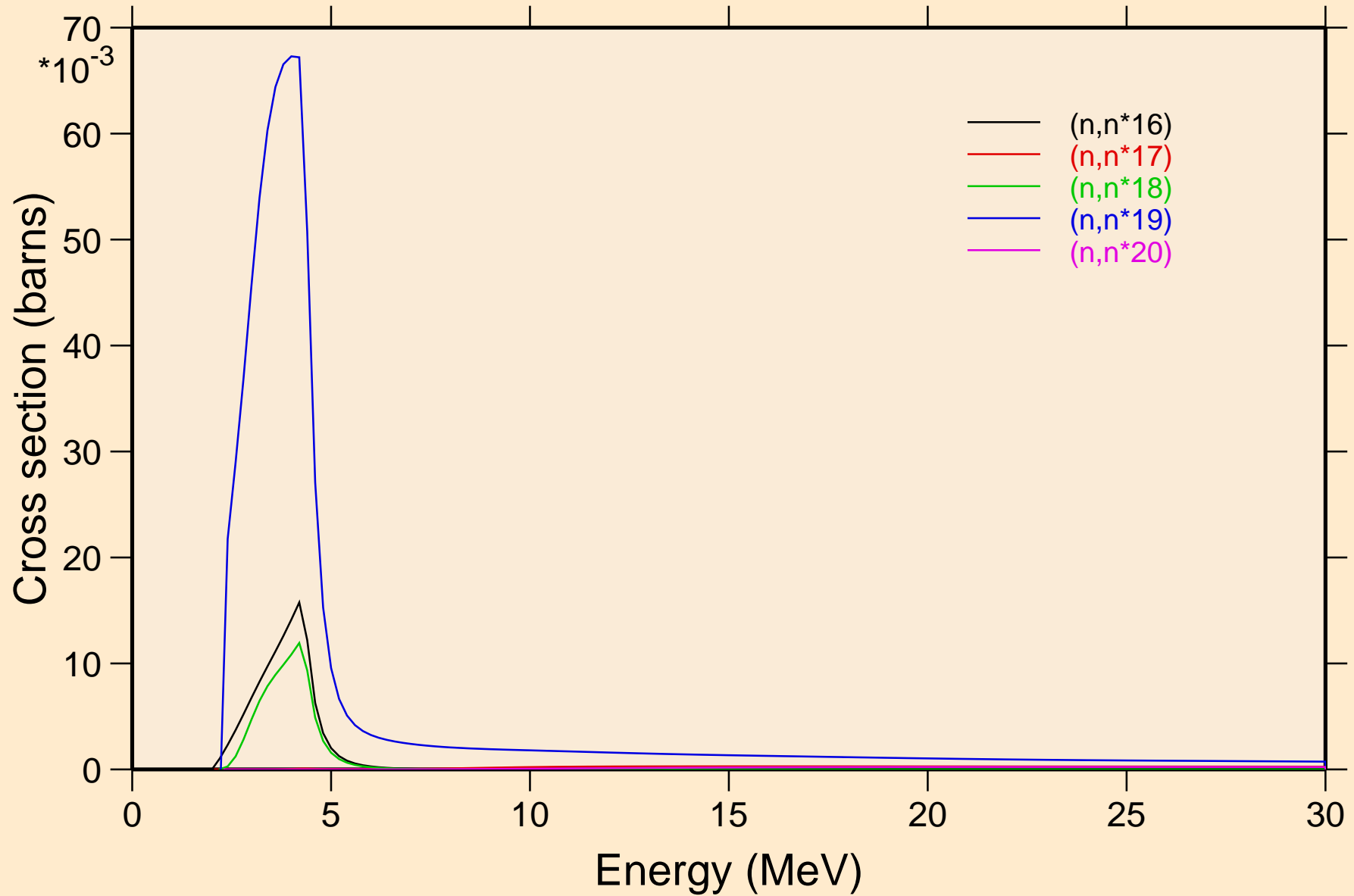
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

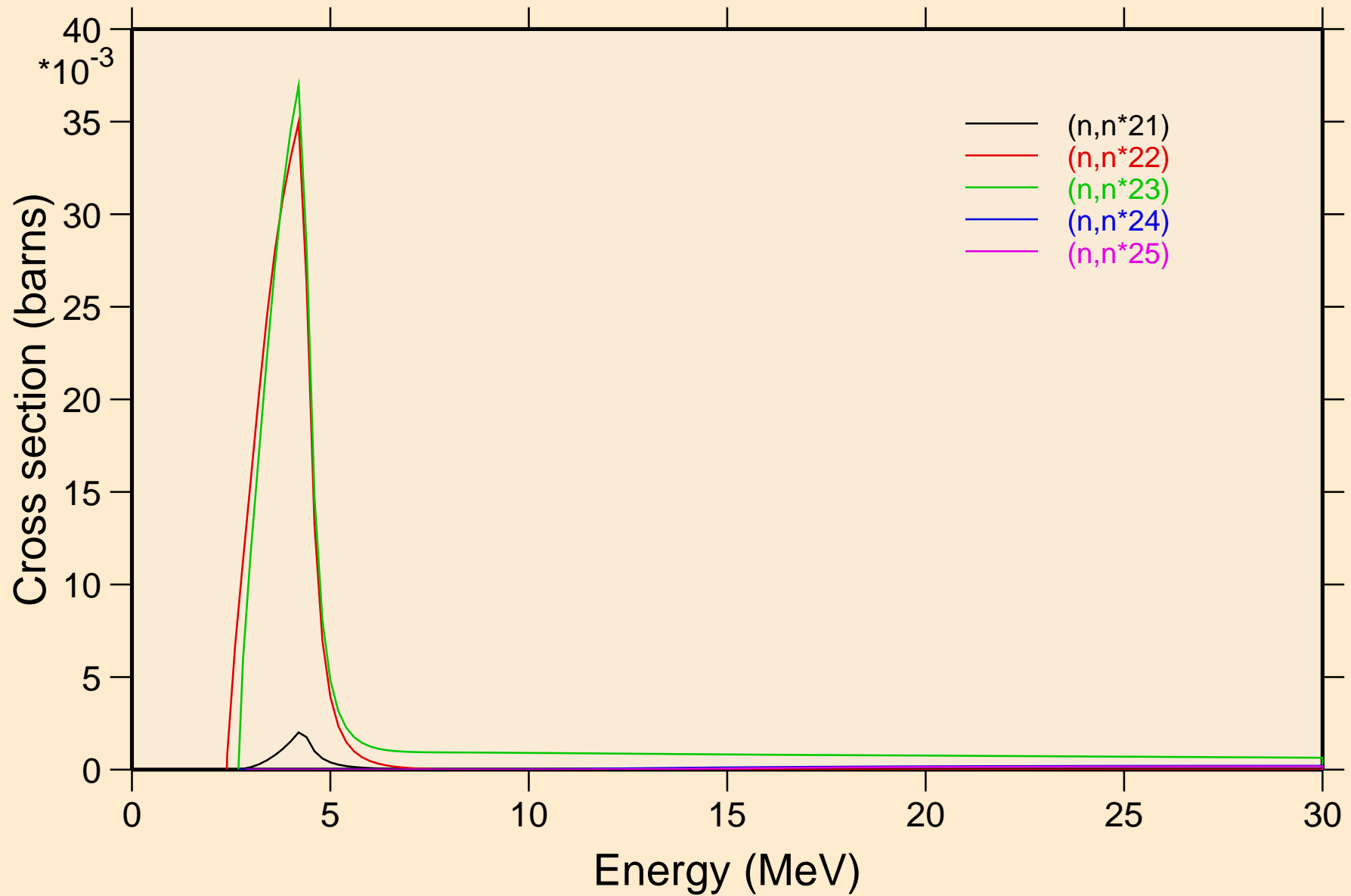


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

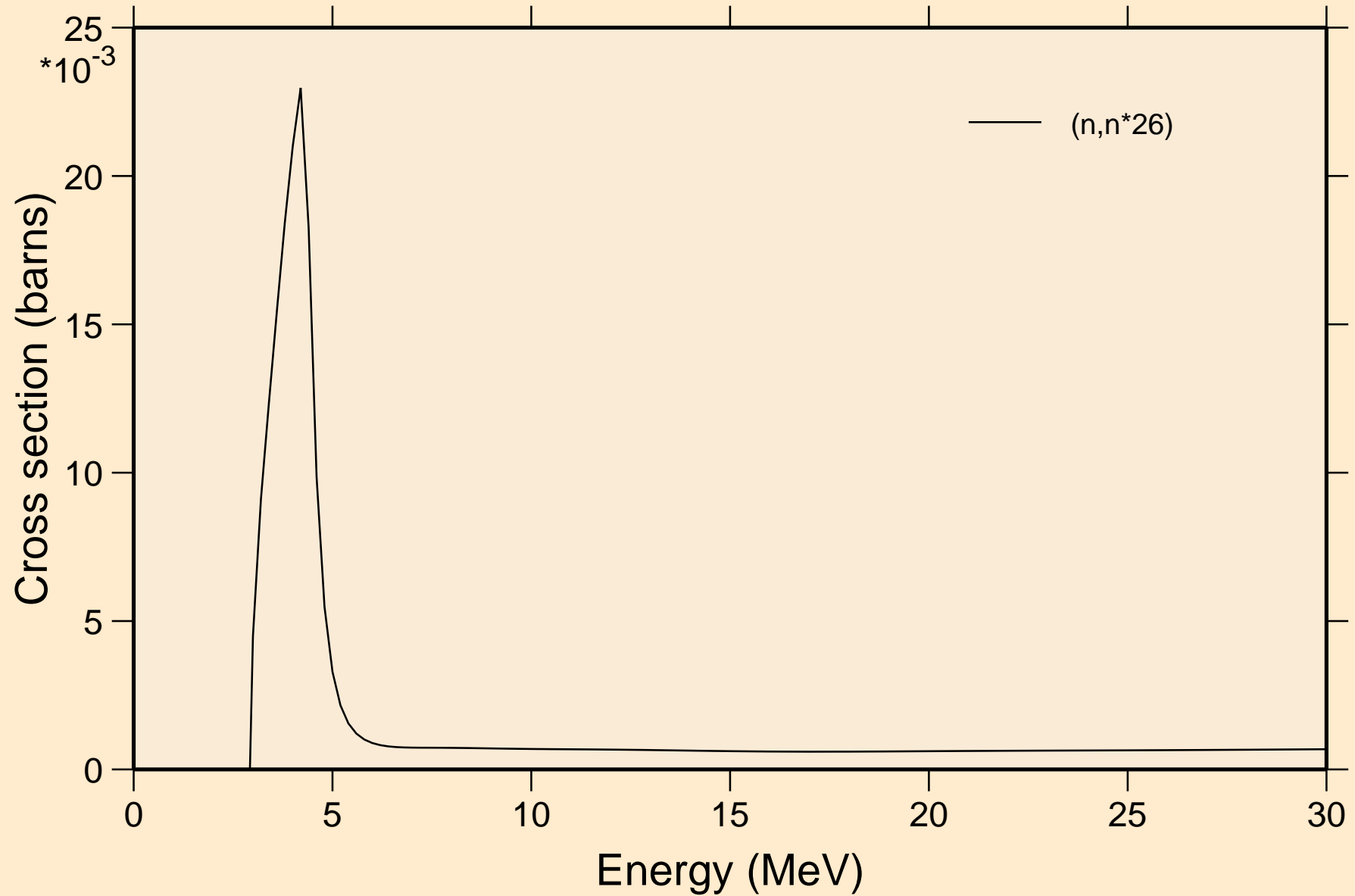




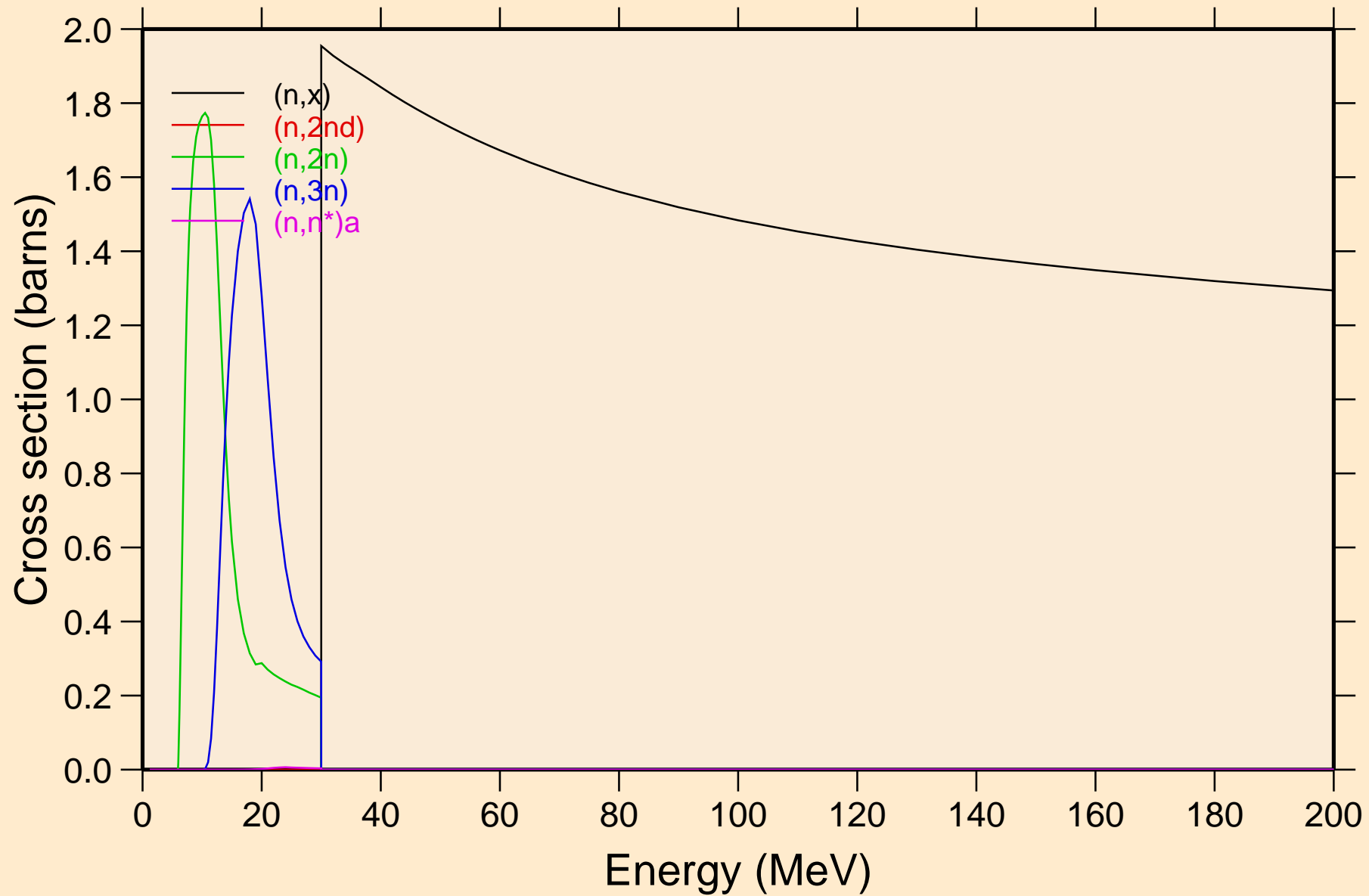
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



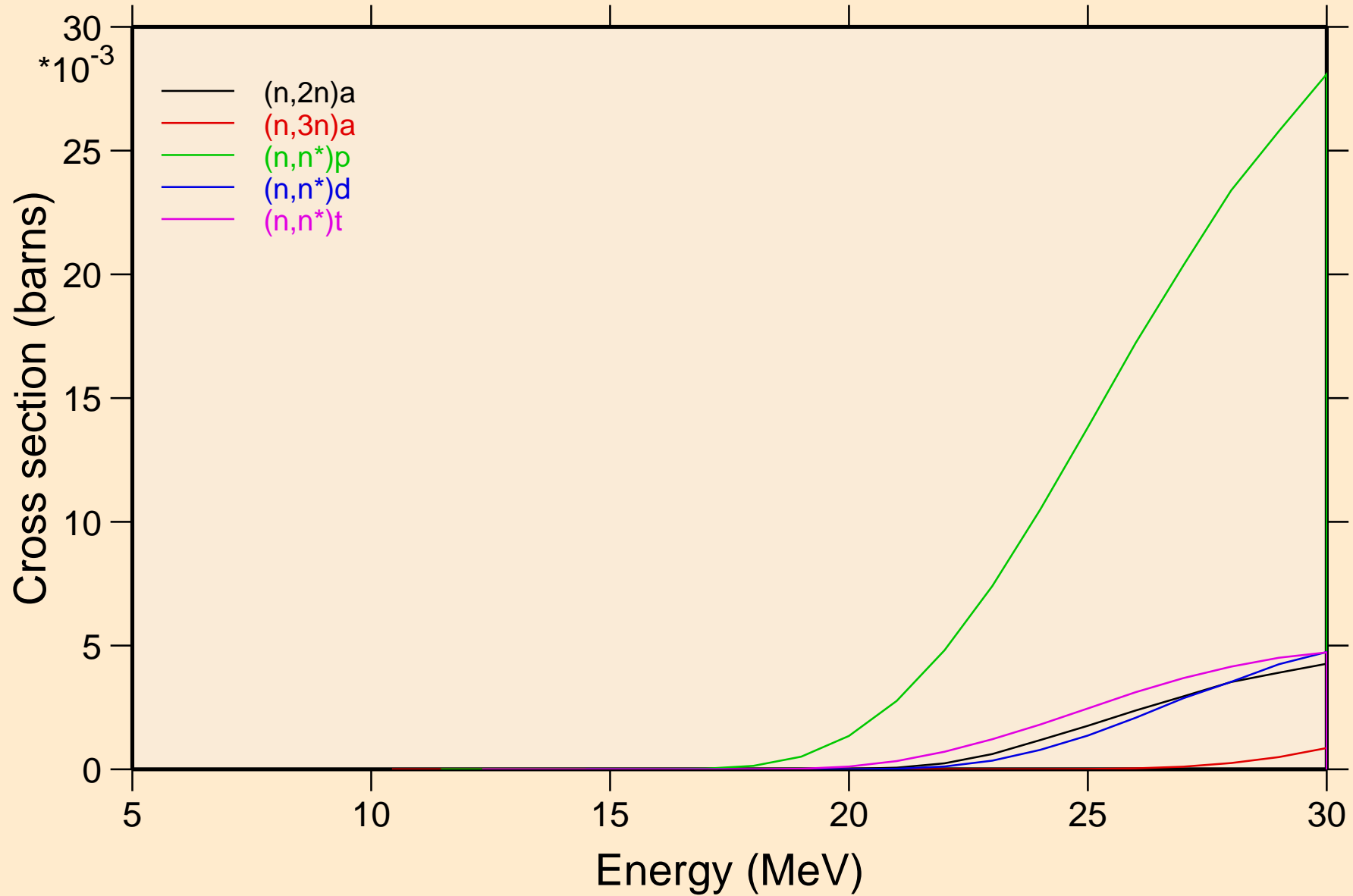
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



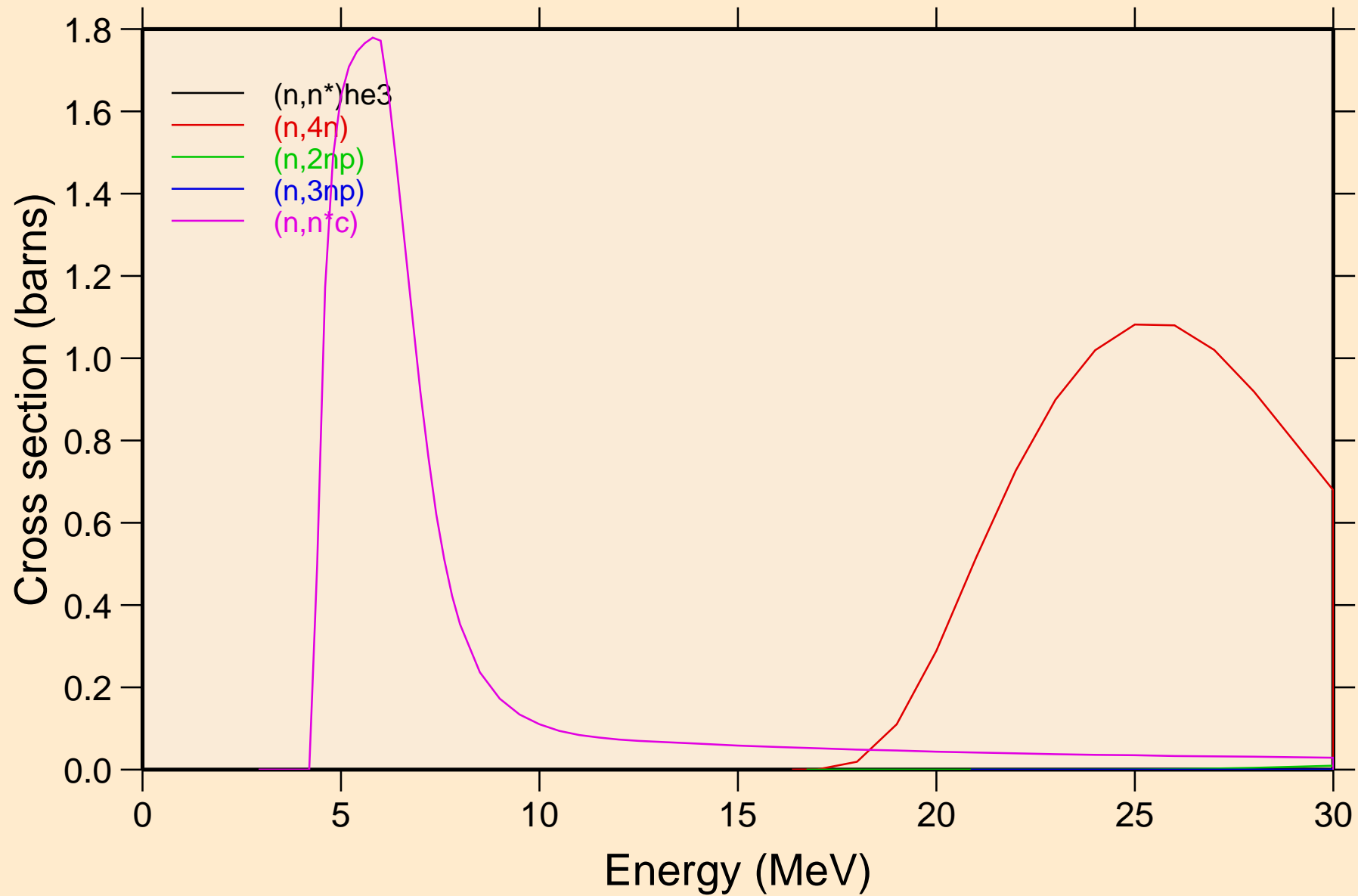
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



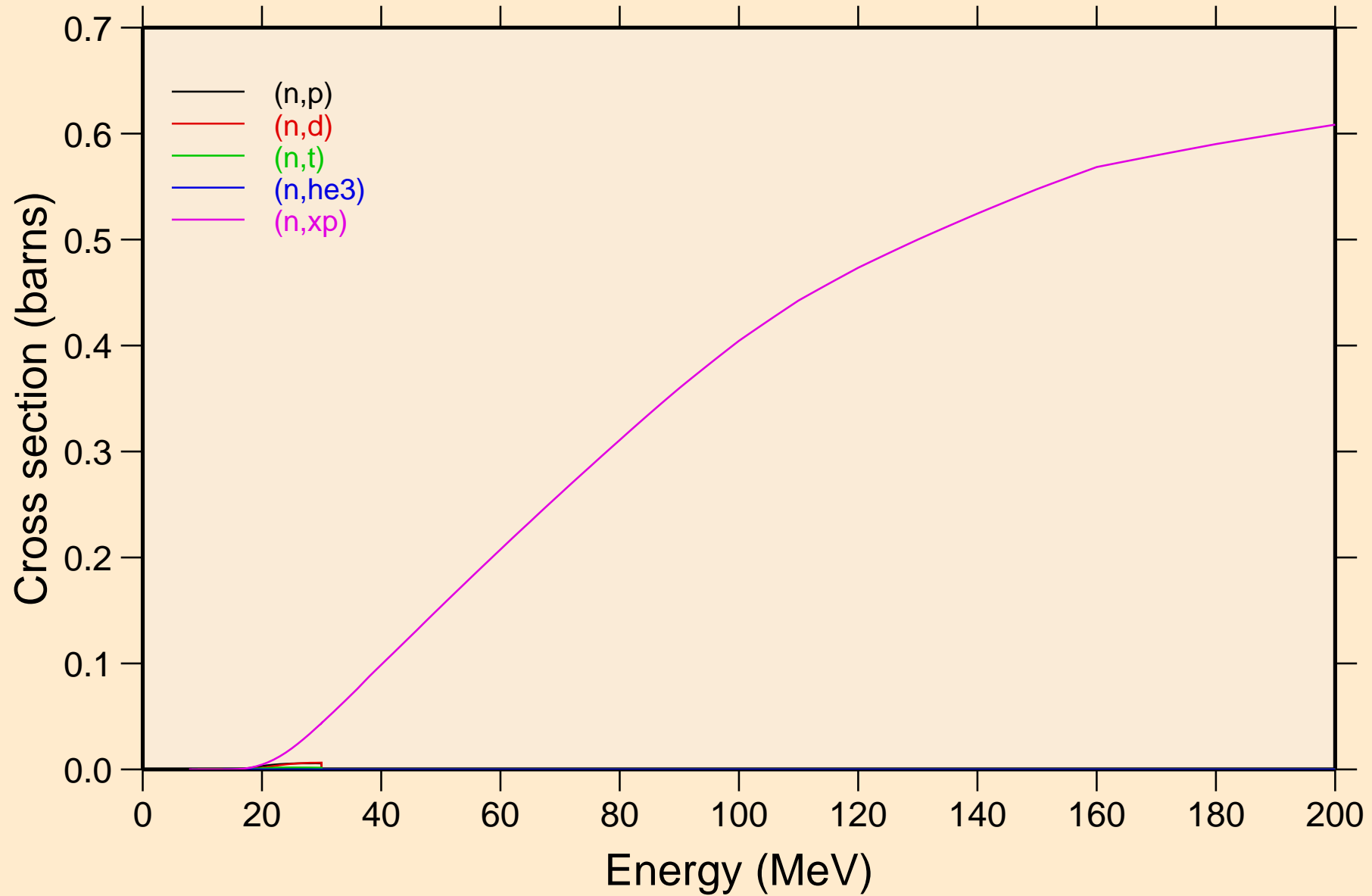
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

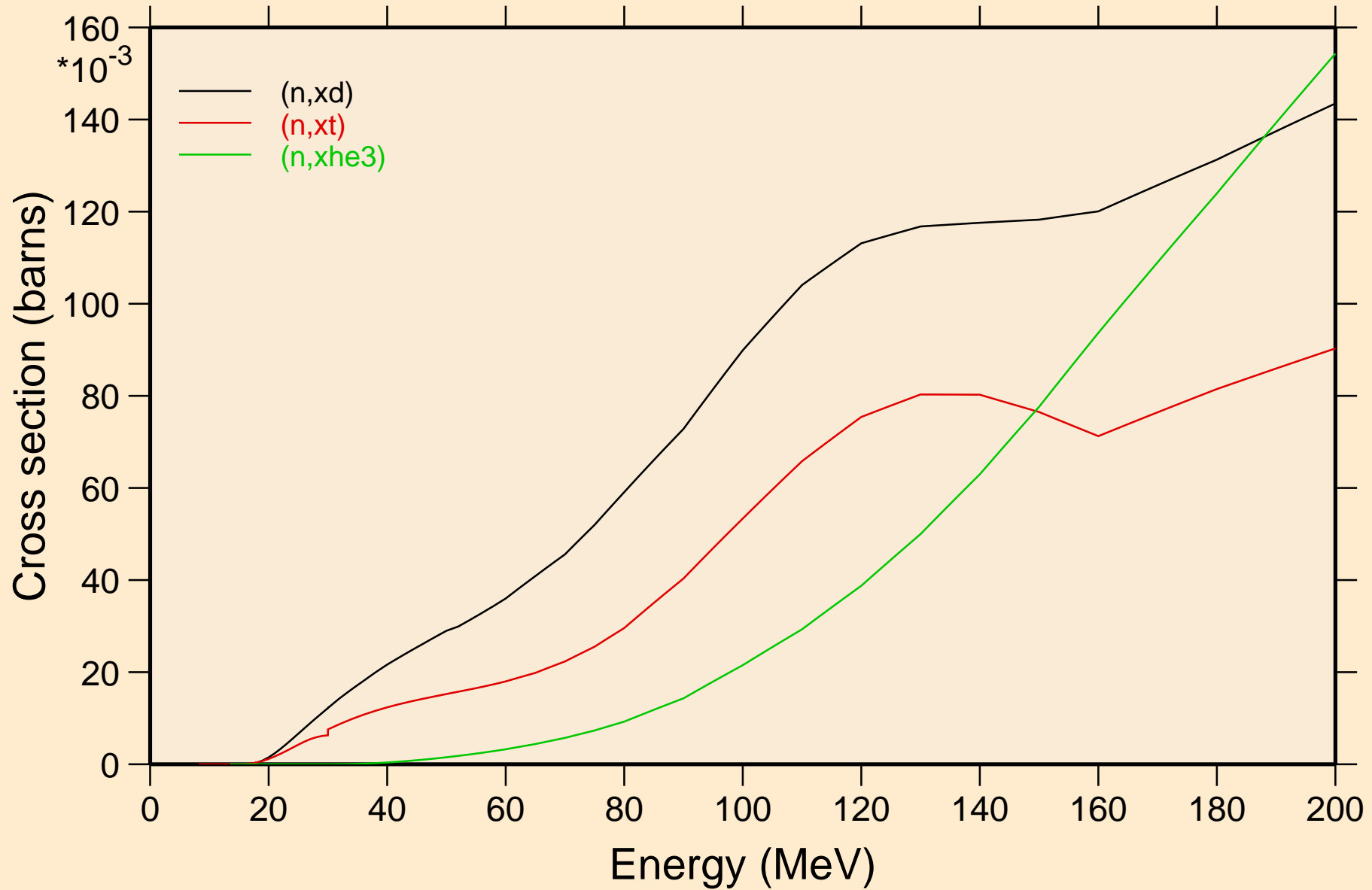


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

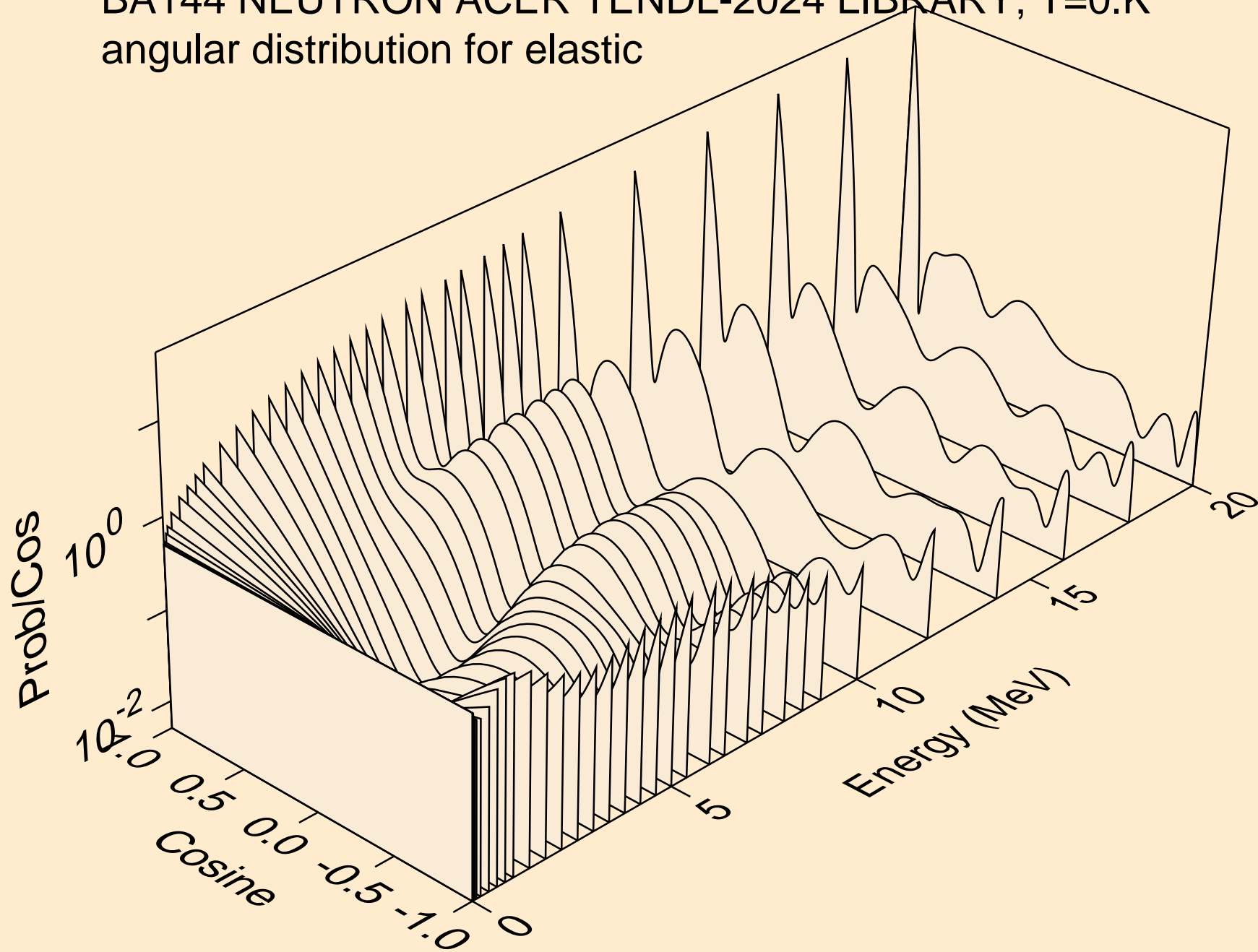


# BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

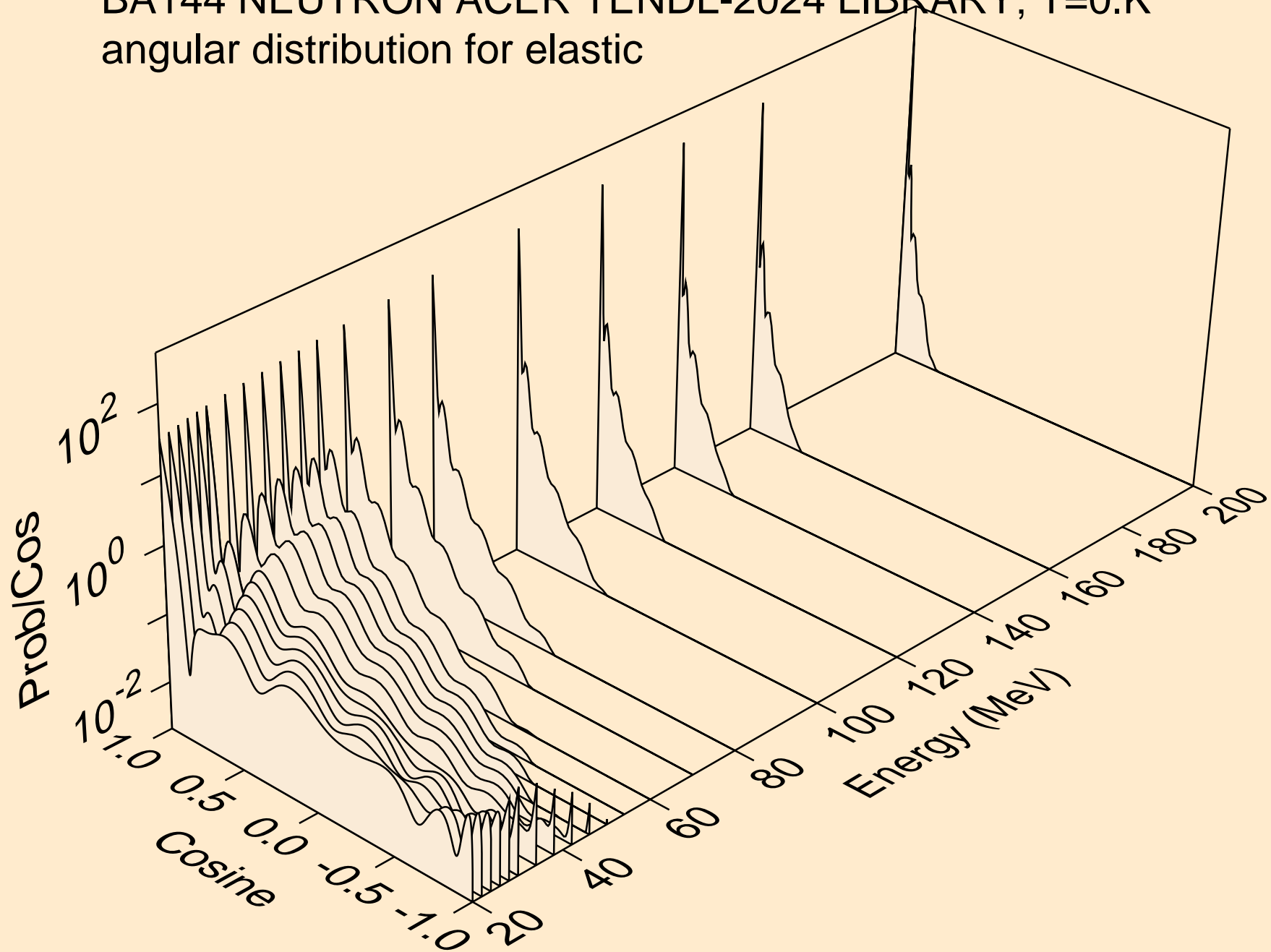


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

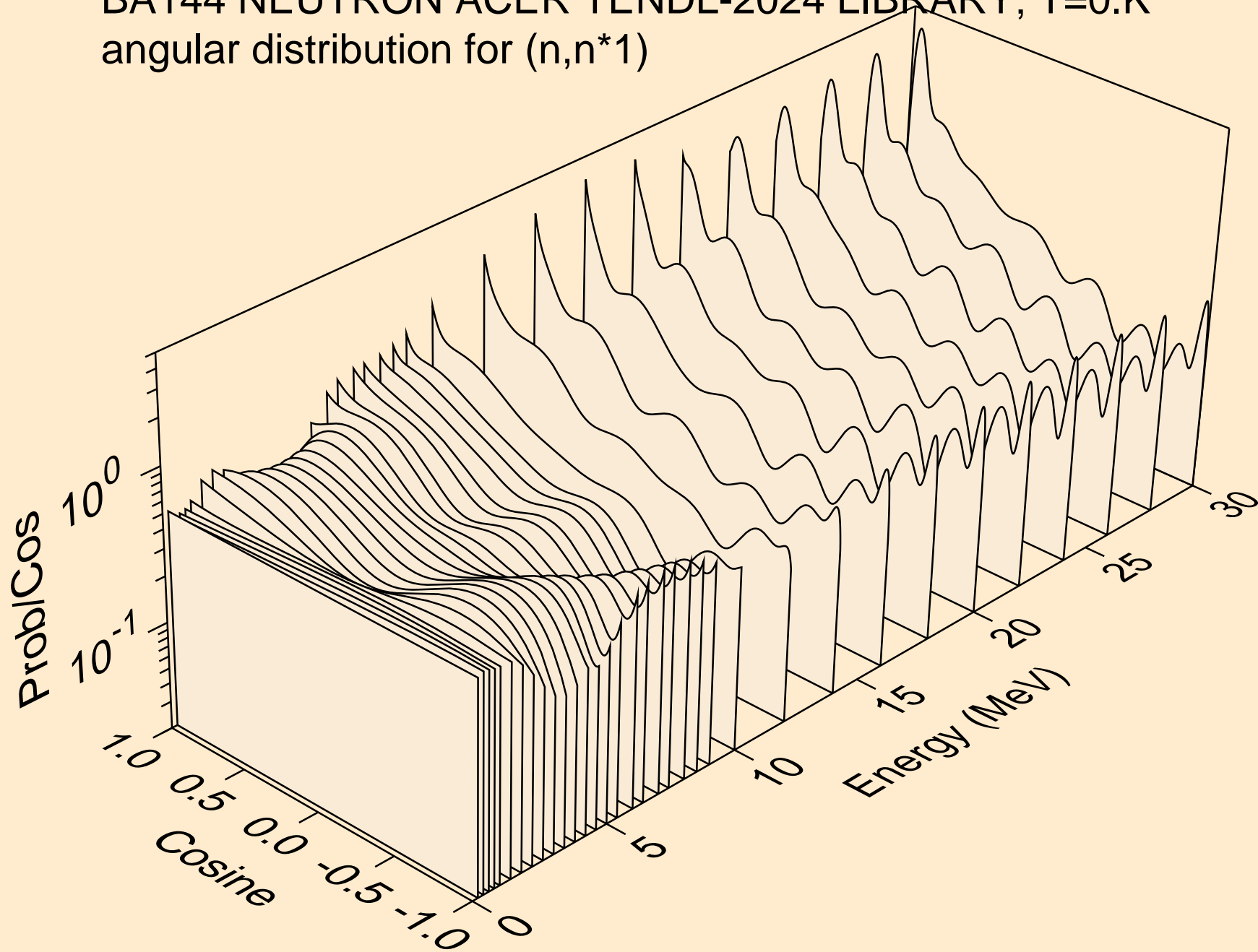




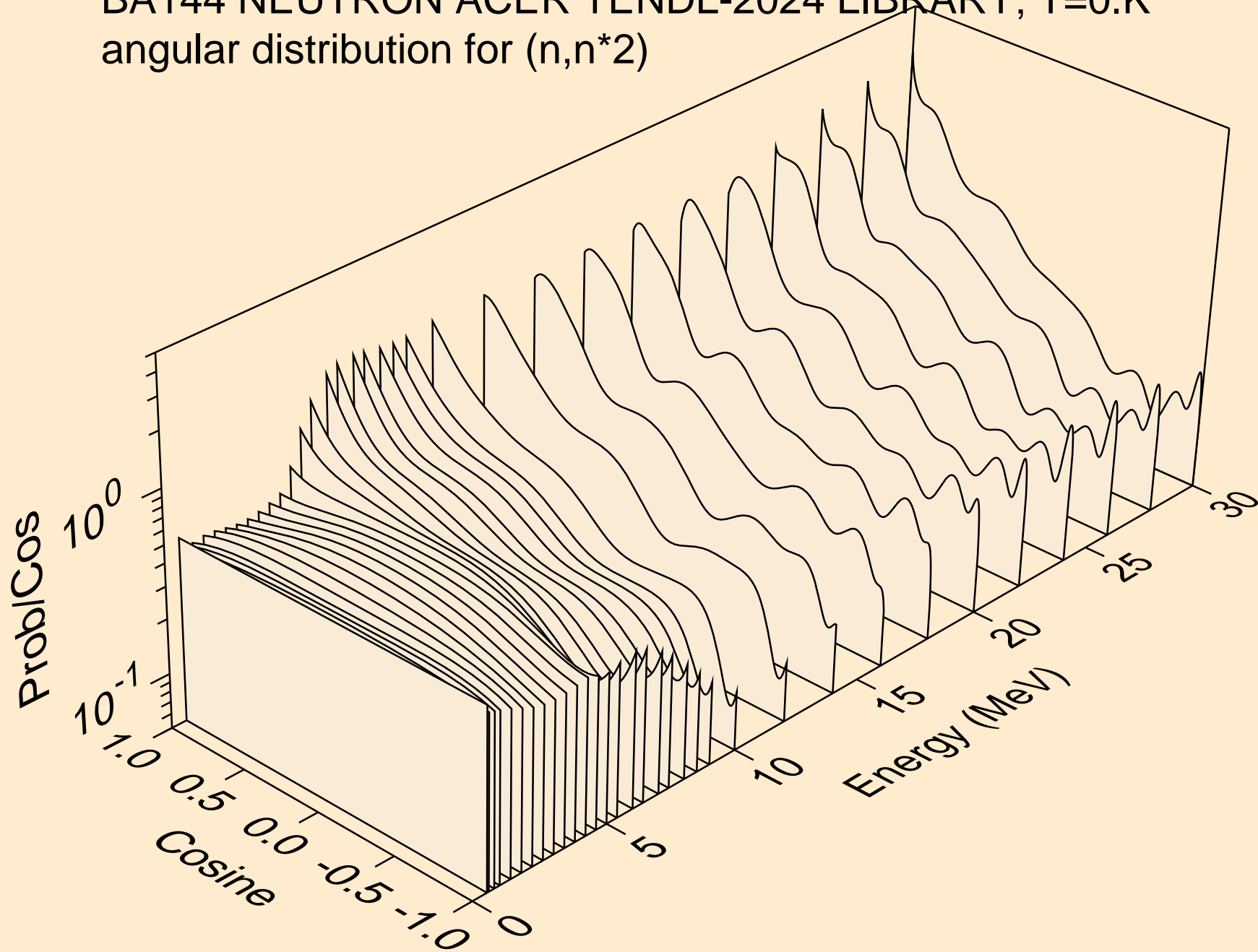
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



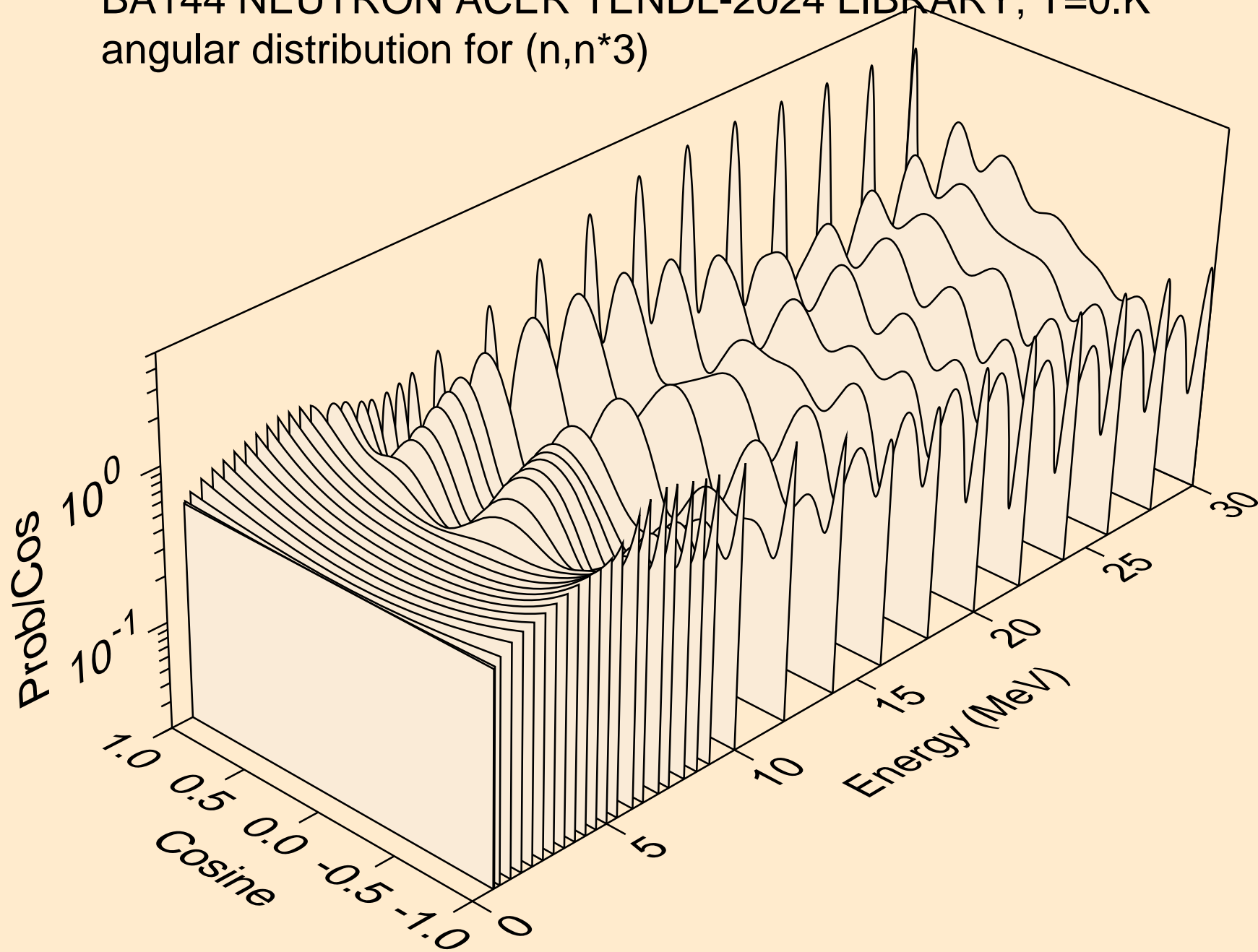
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



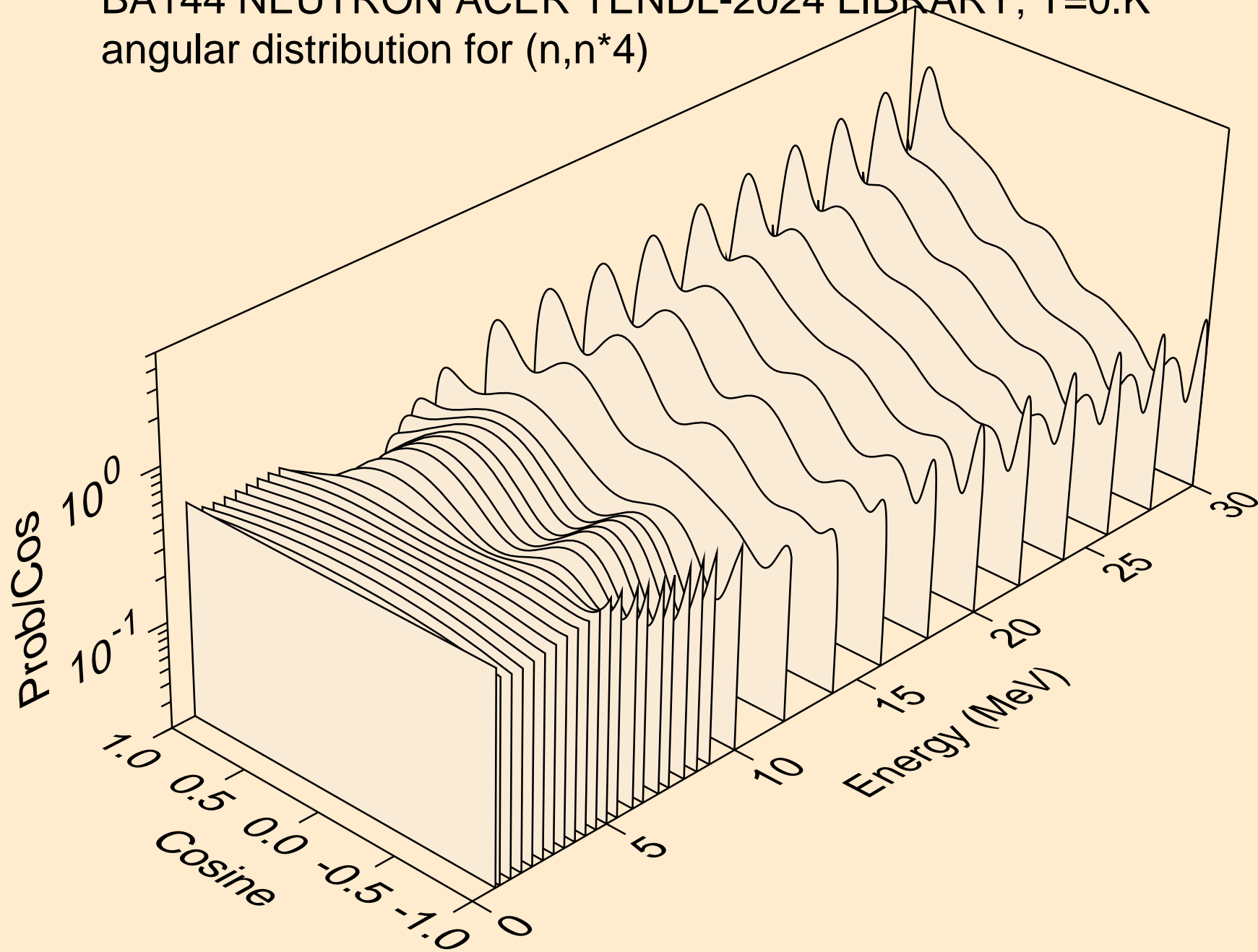
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



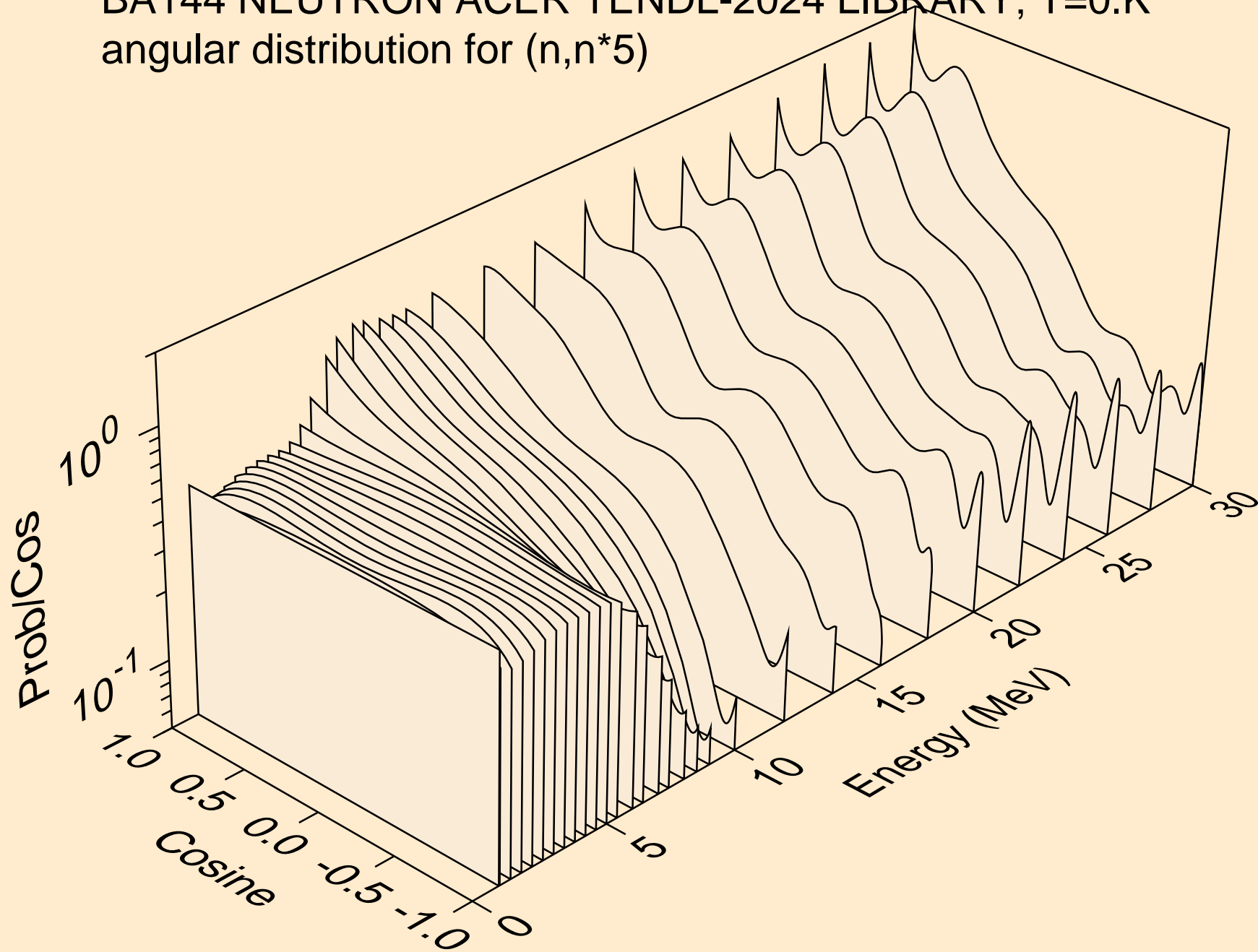
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



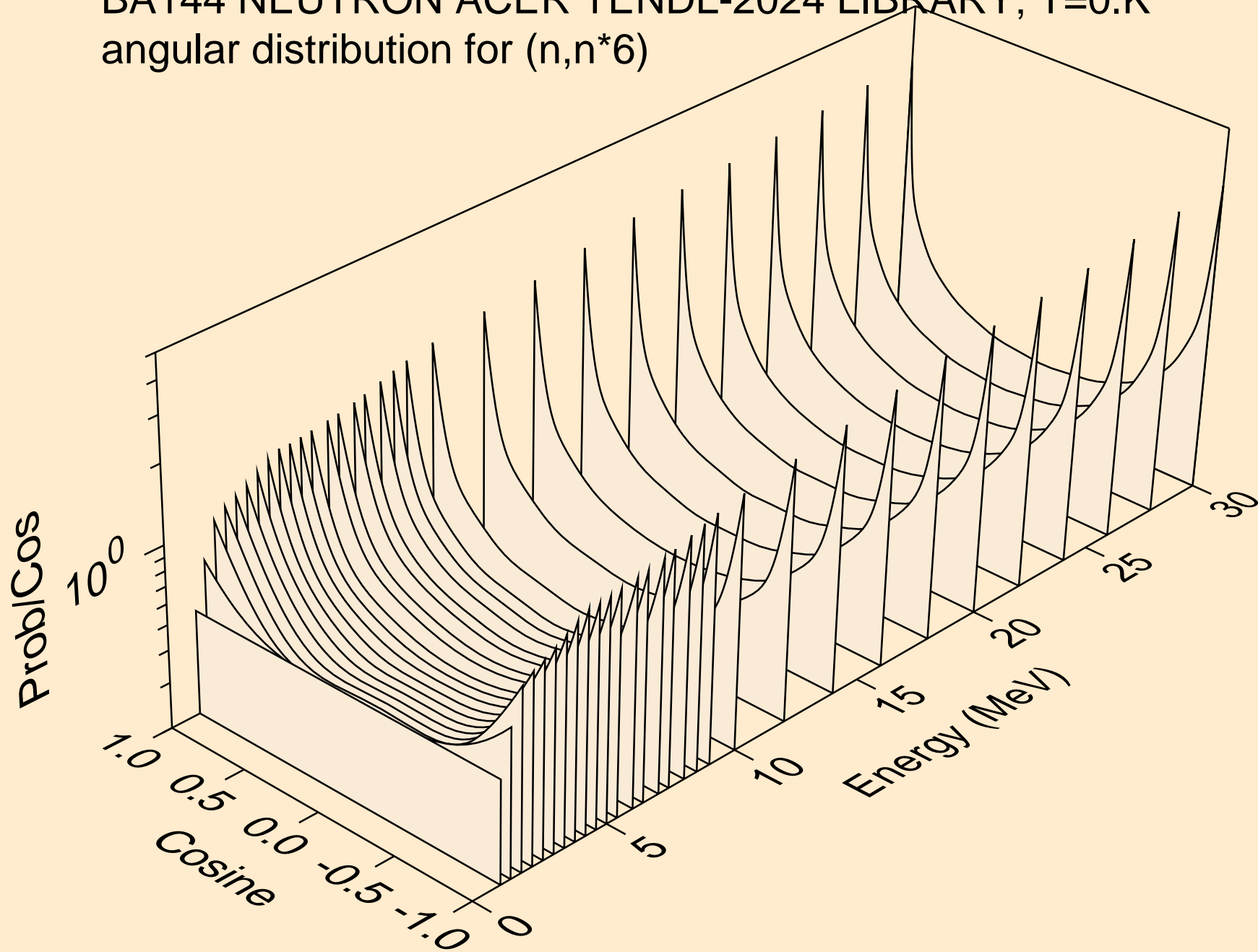
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



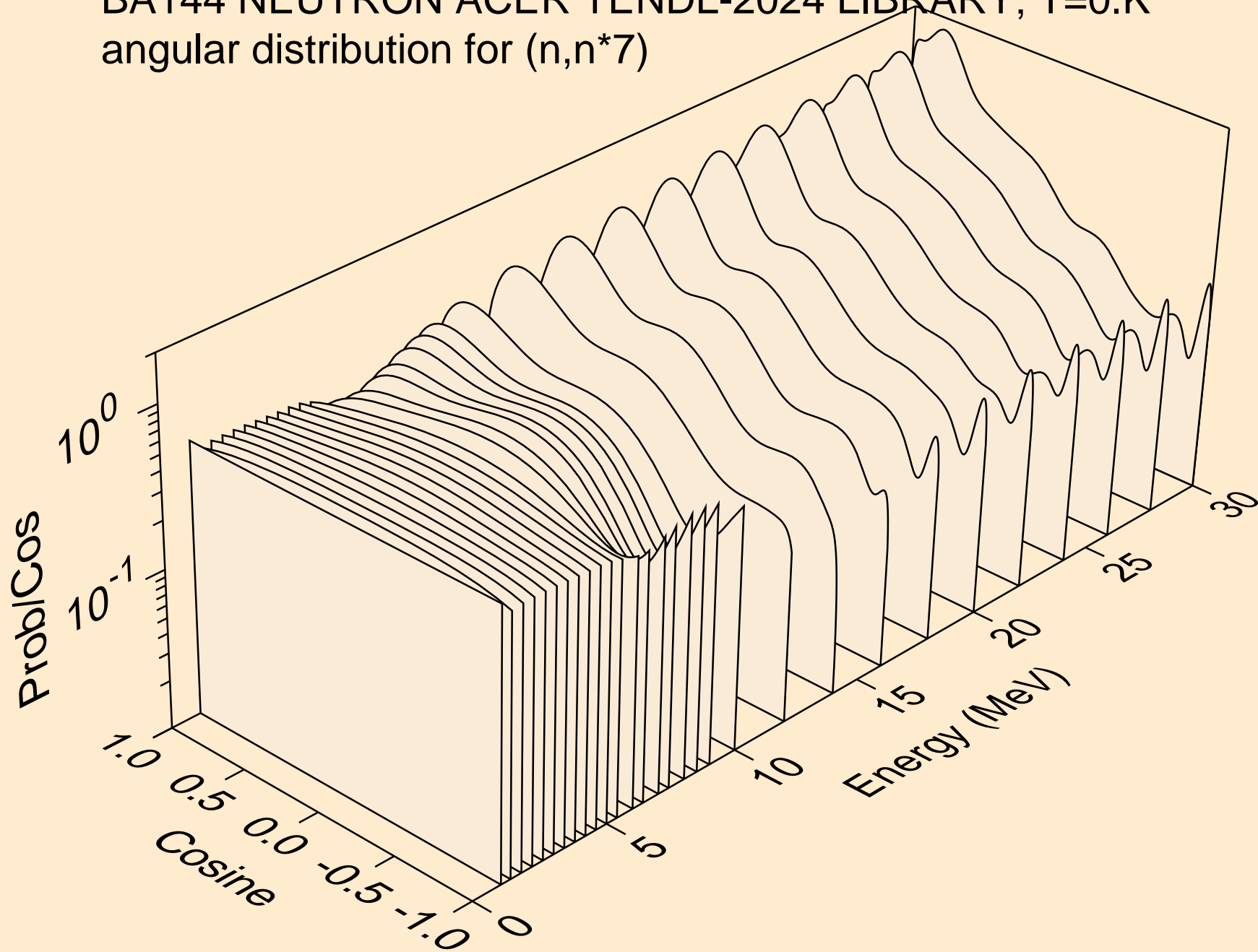
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

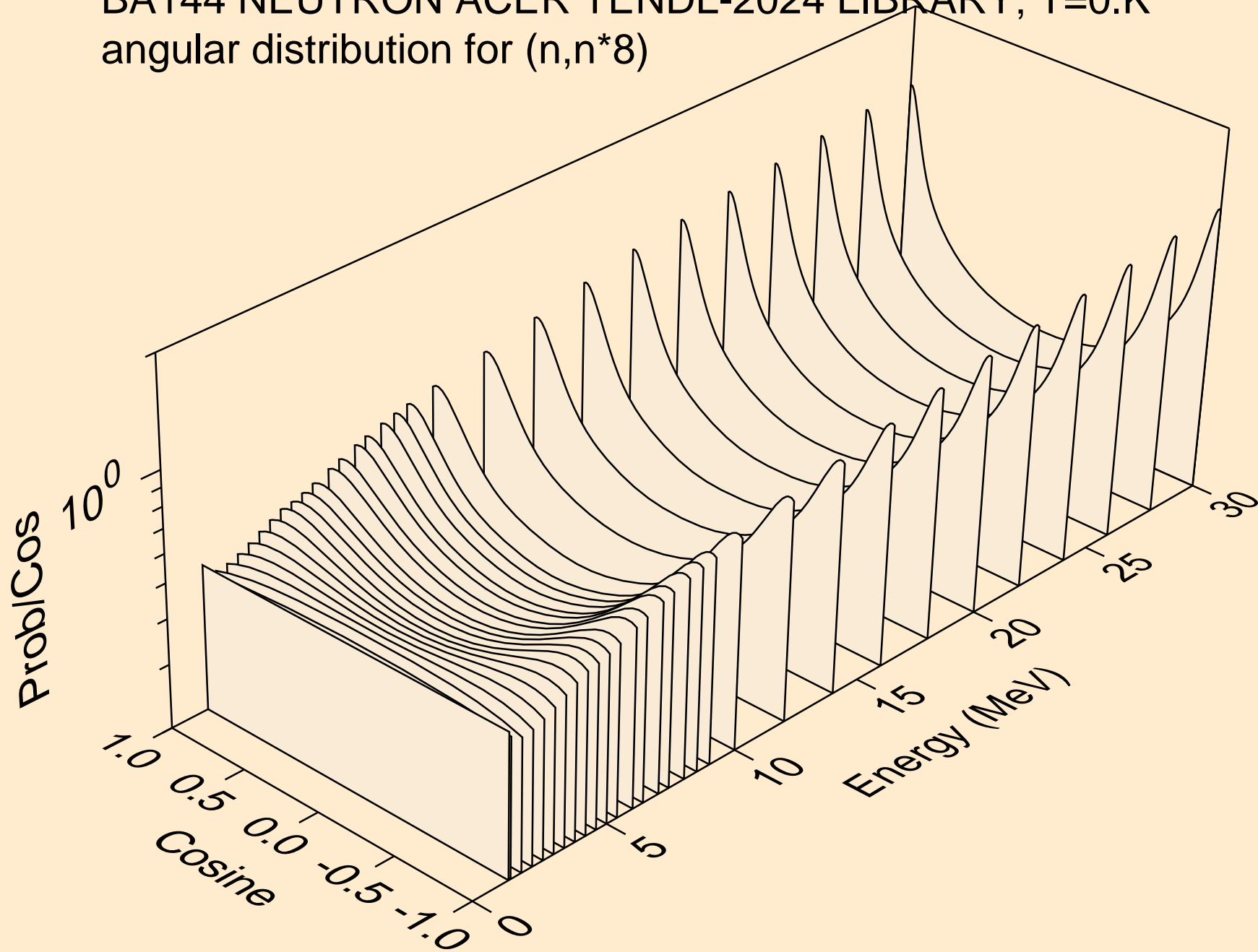


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

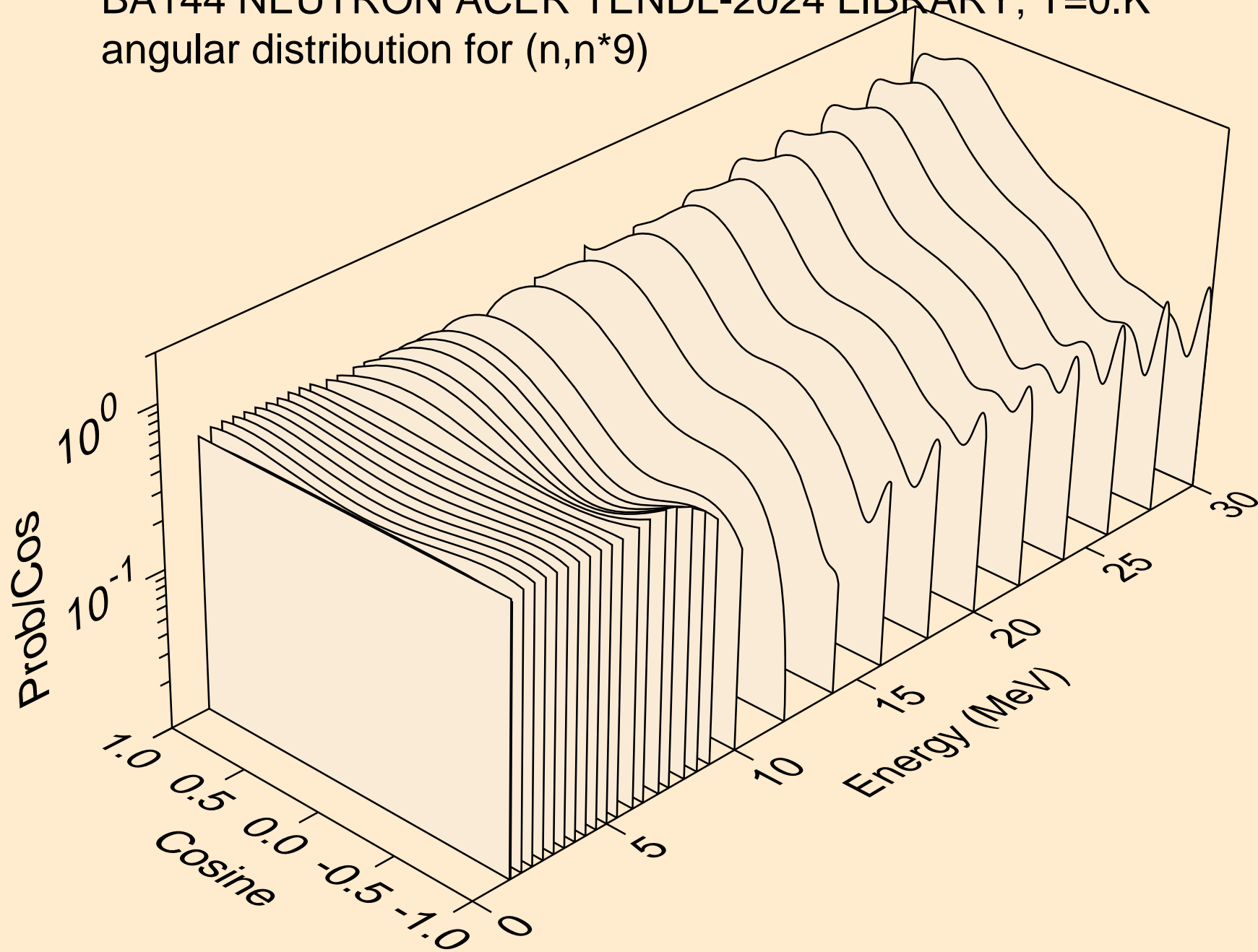




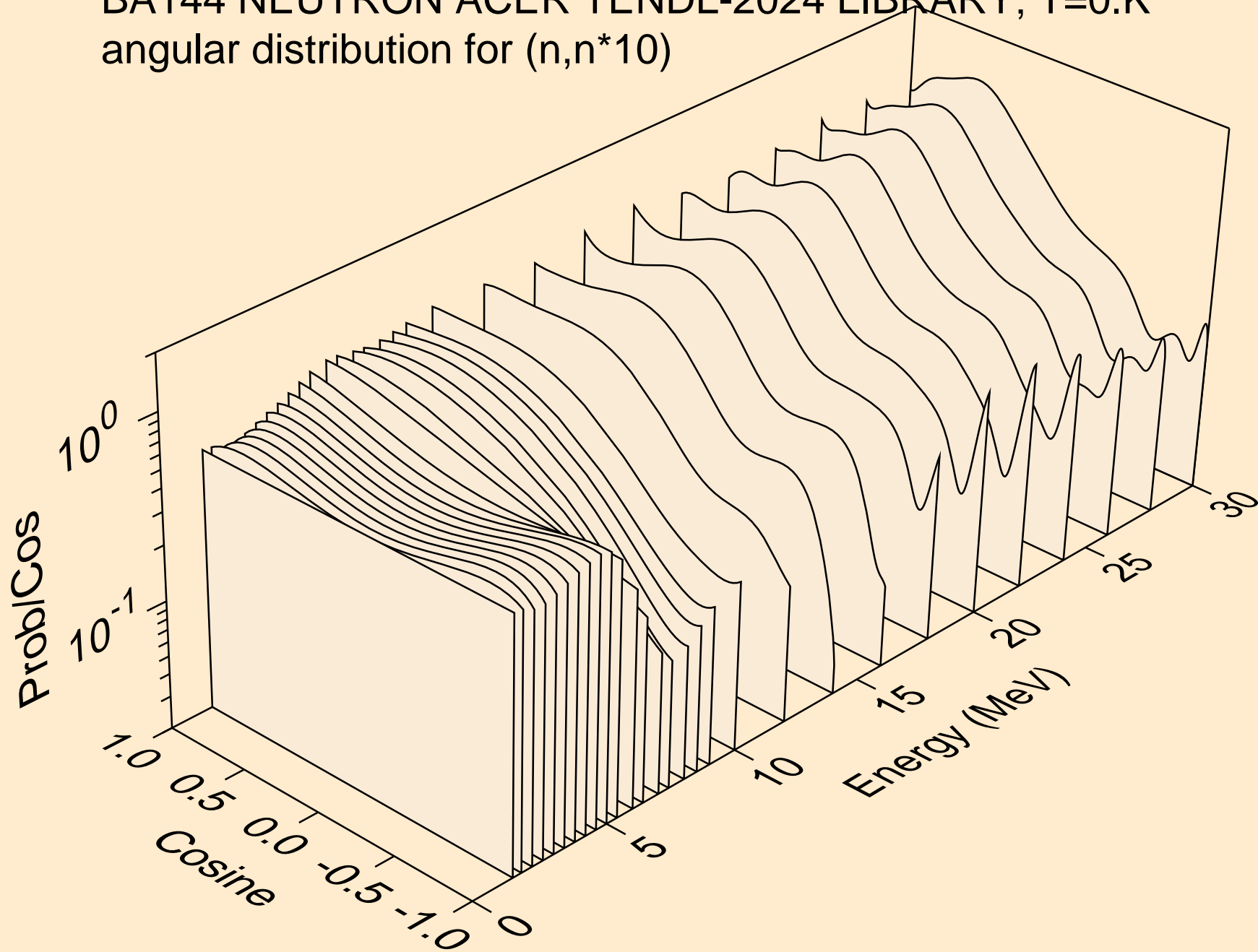
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



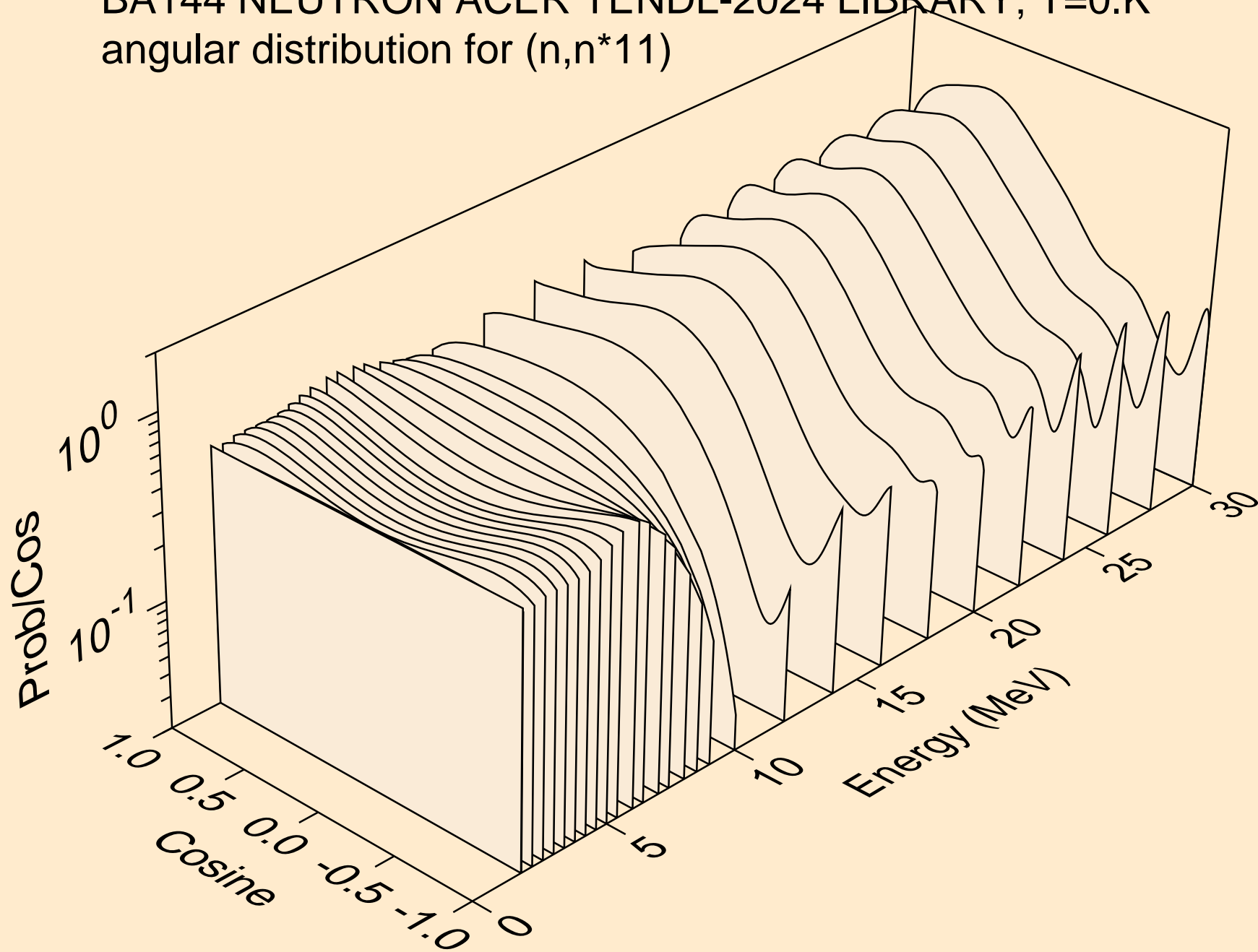
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



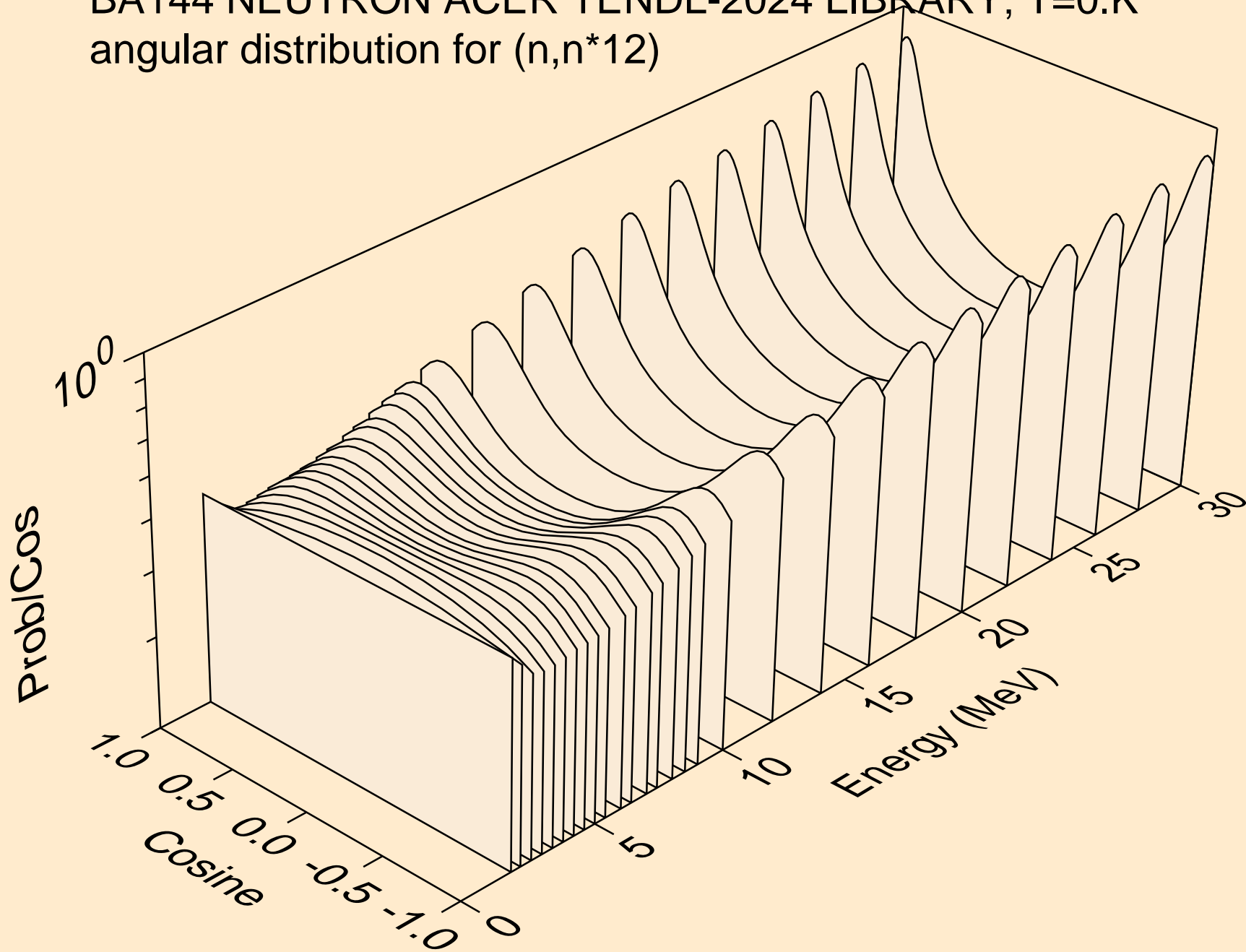
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



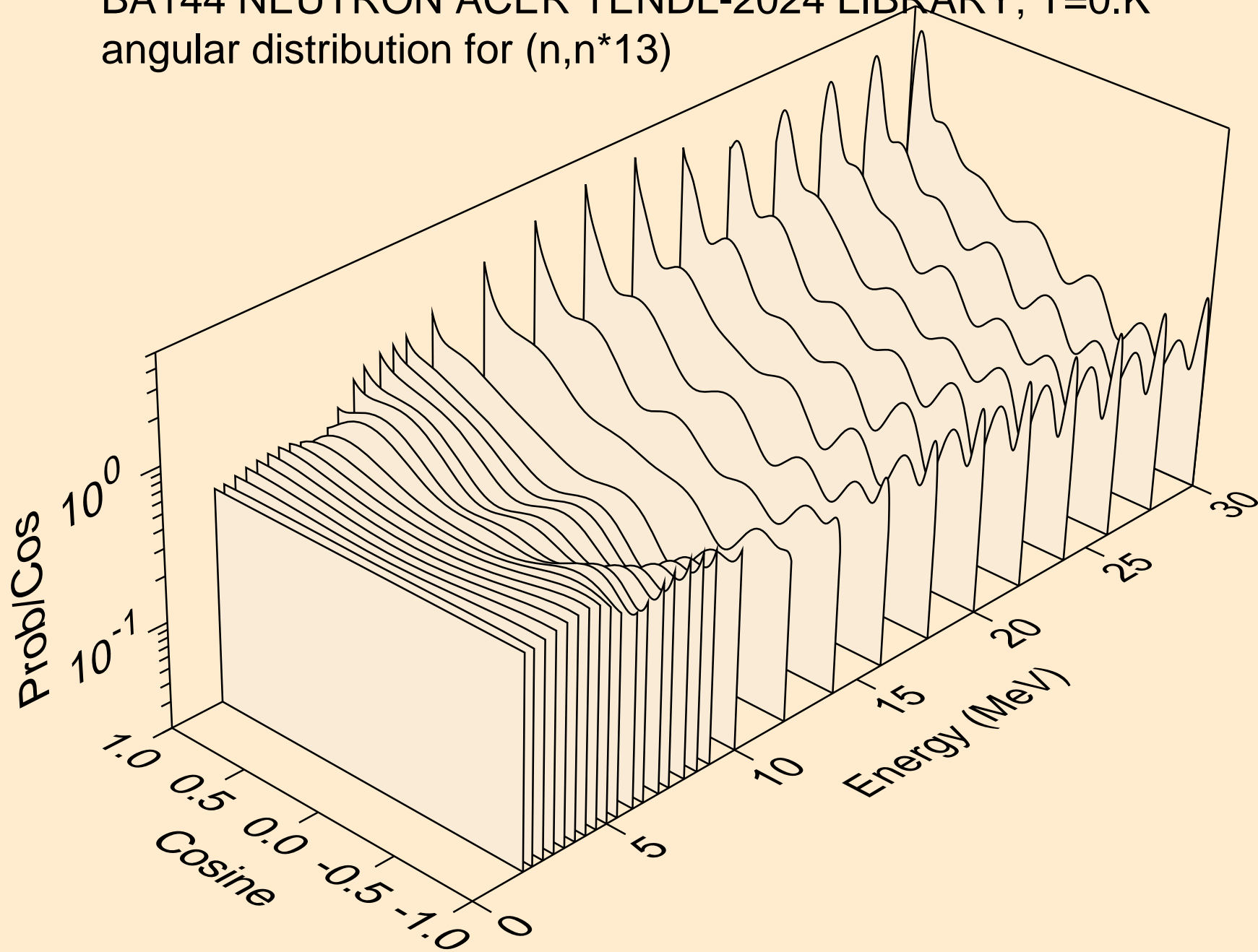
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



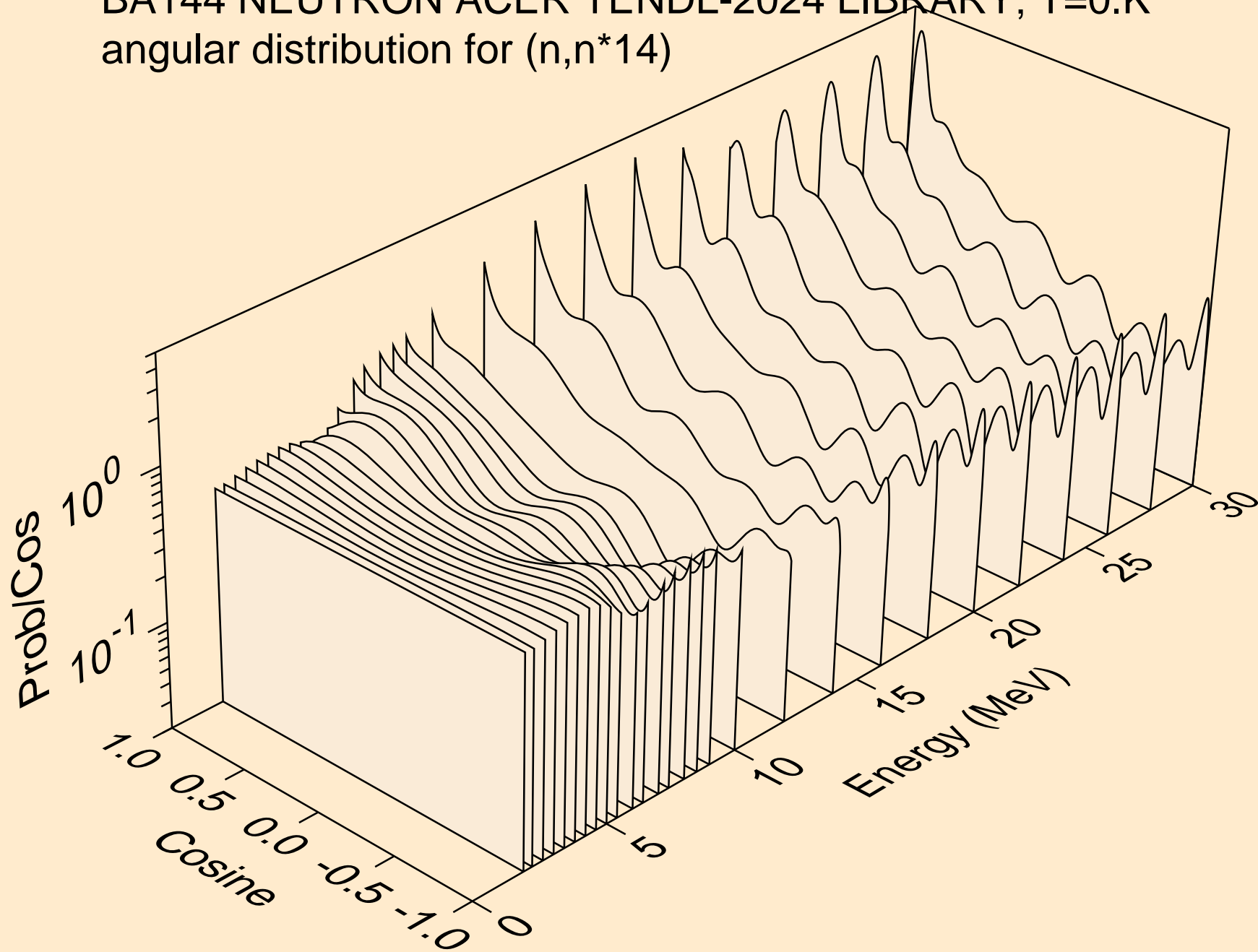
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



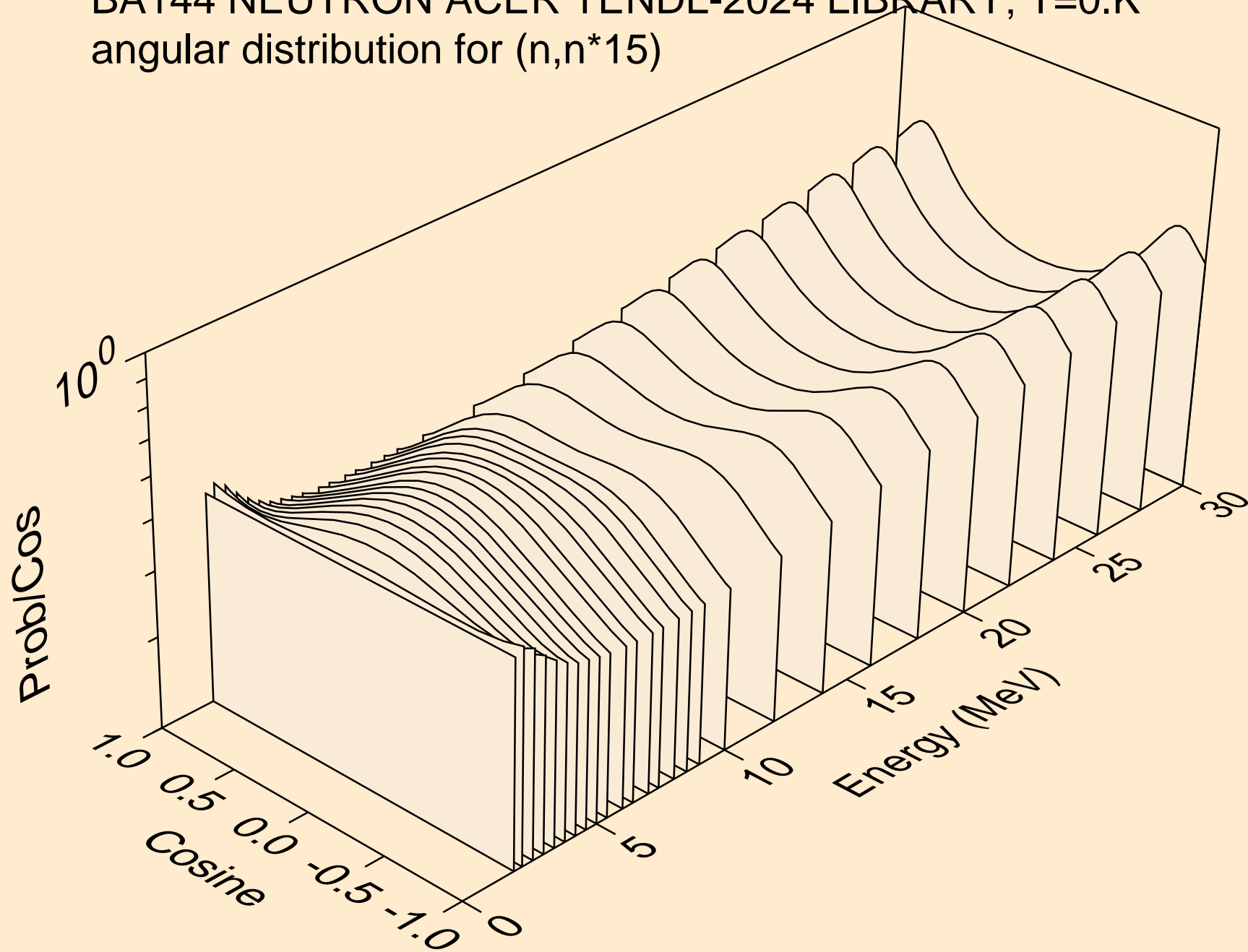
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

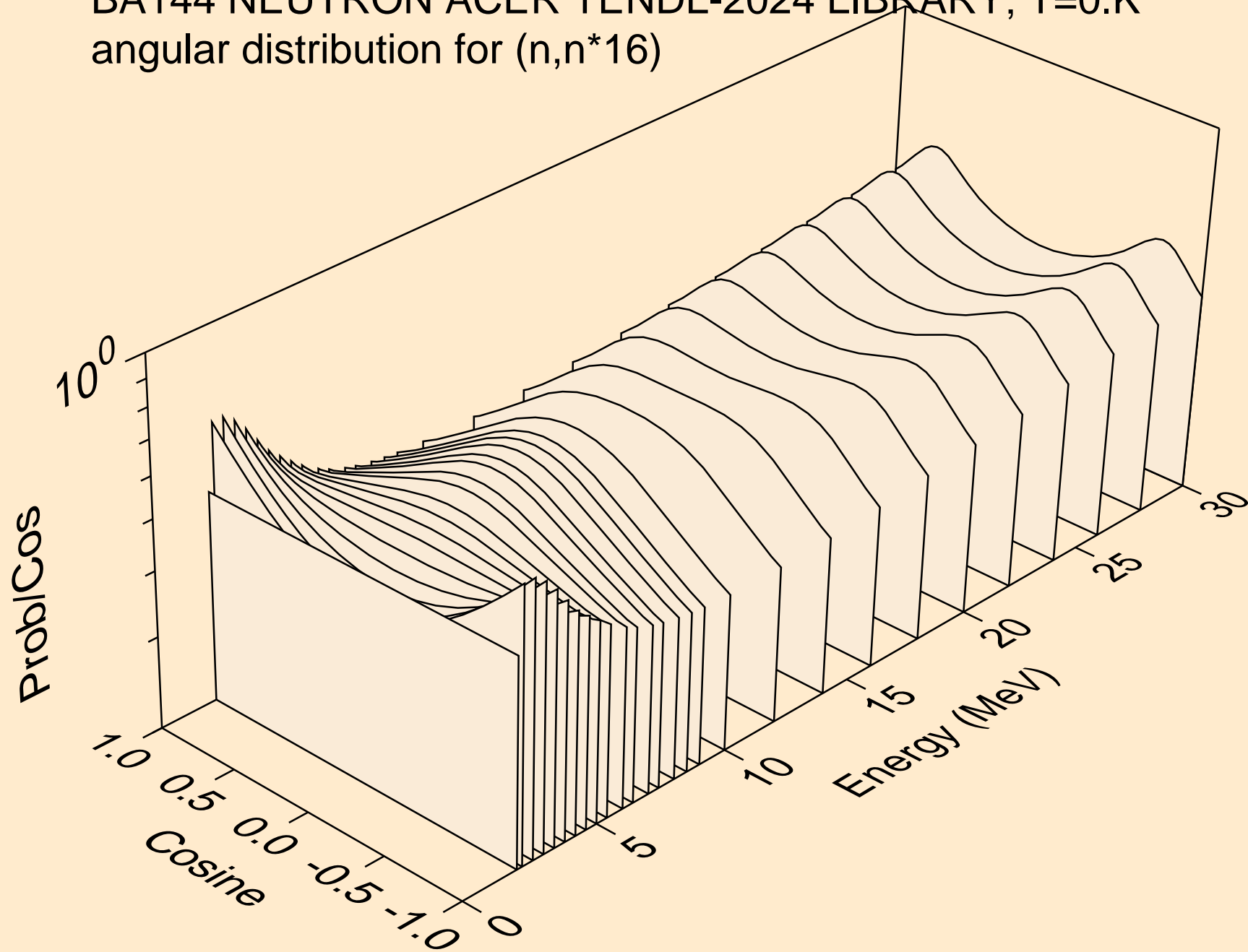


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

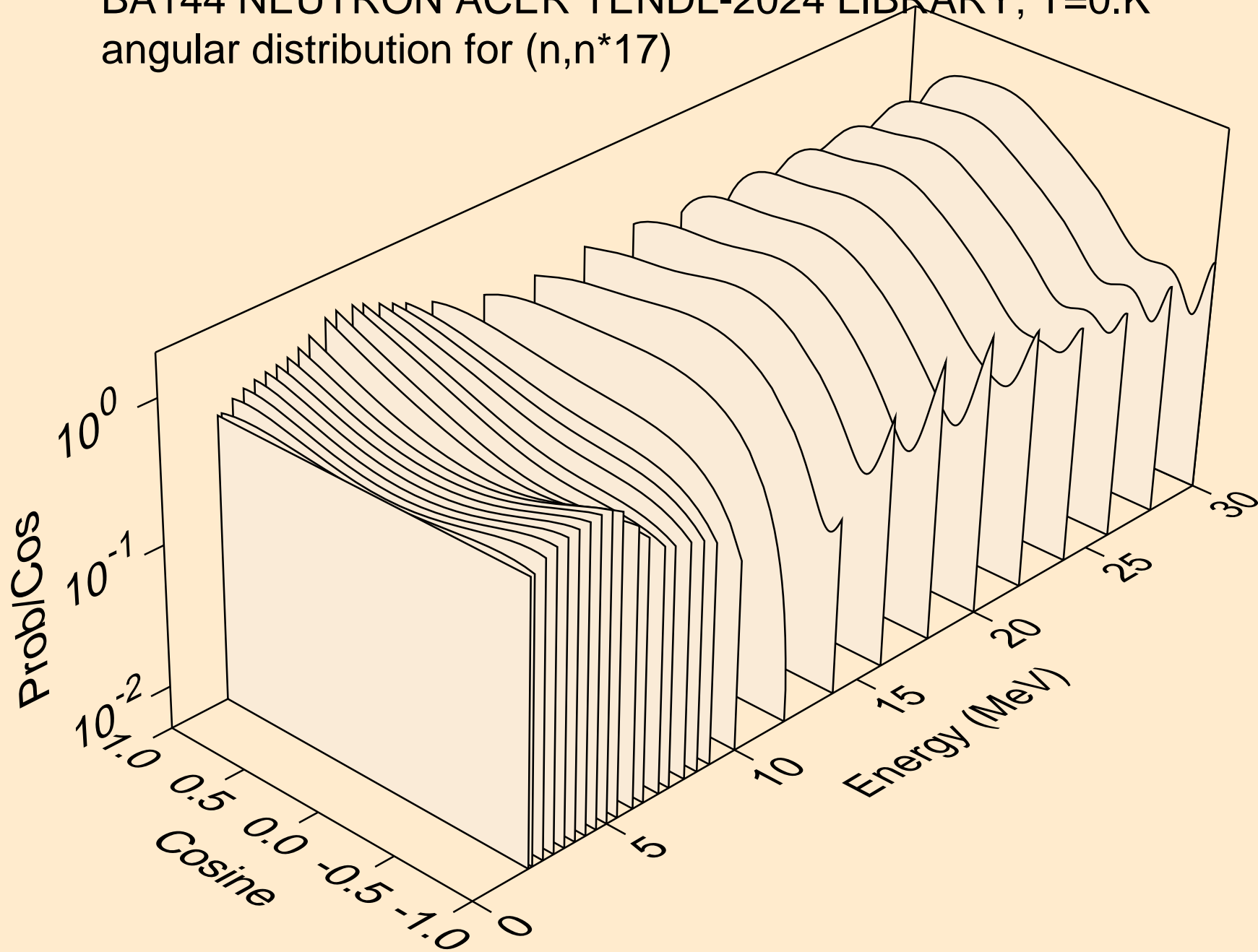




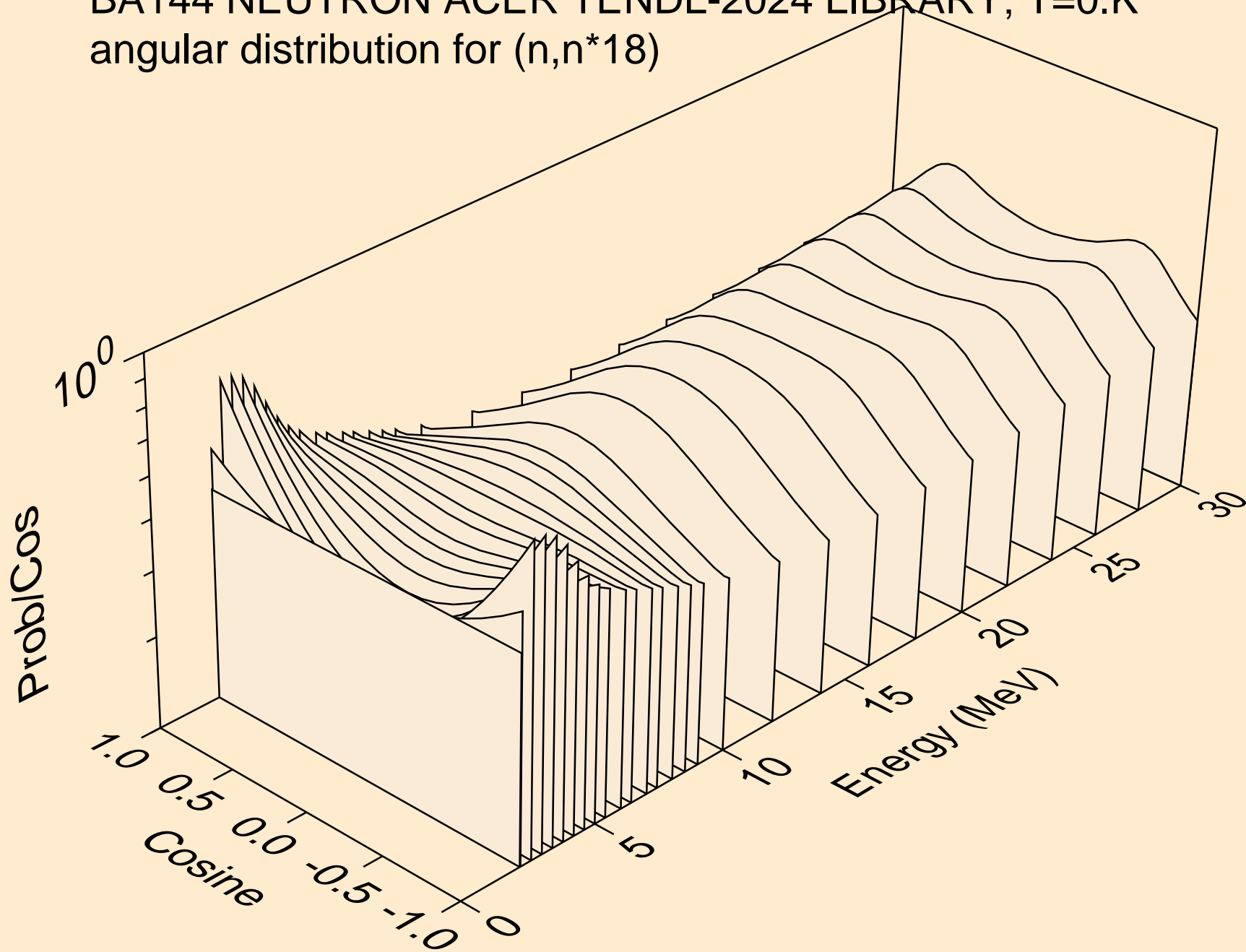
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



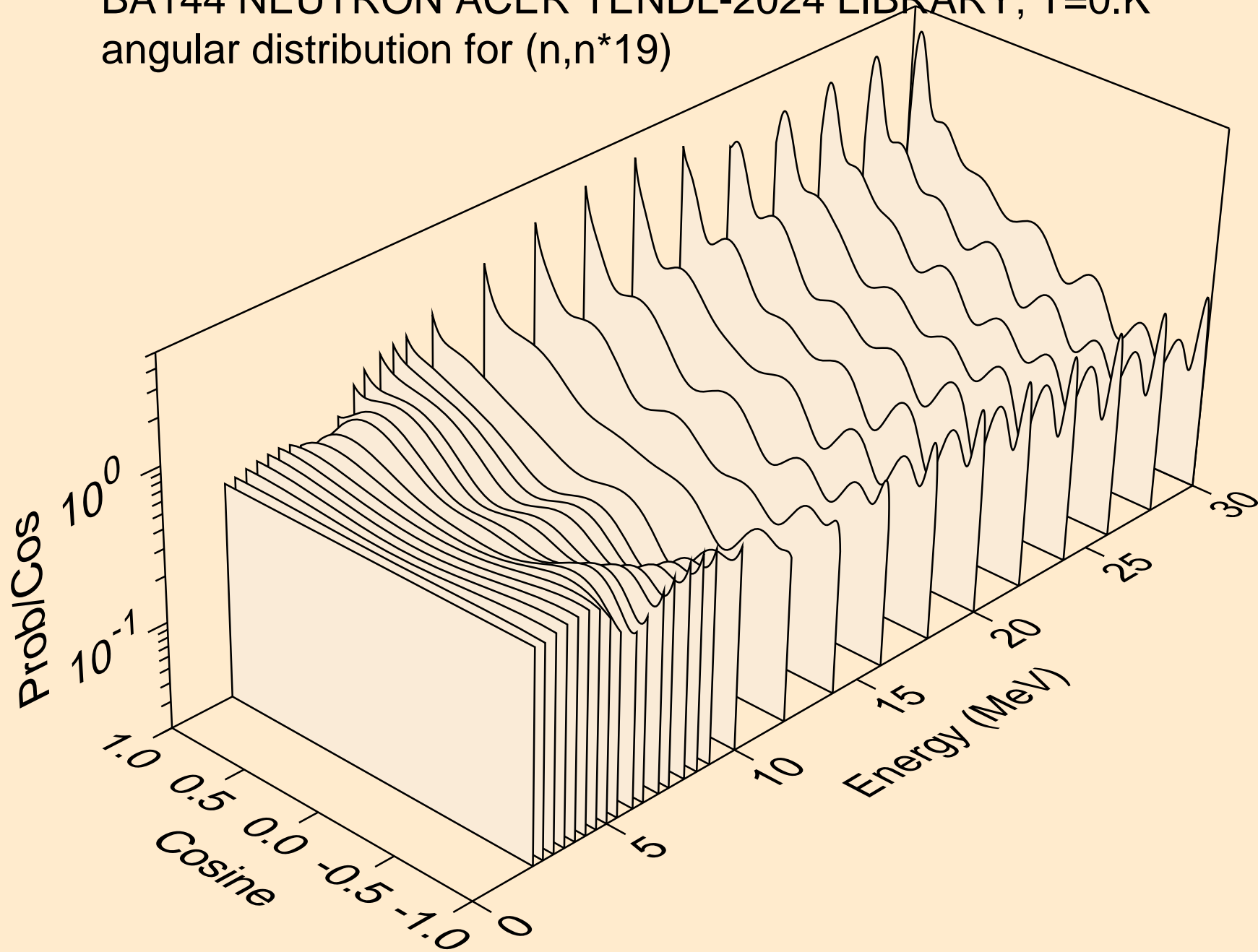
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



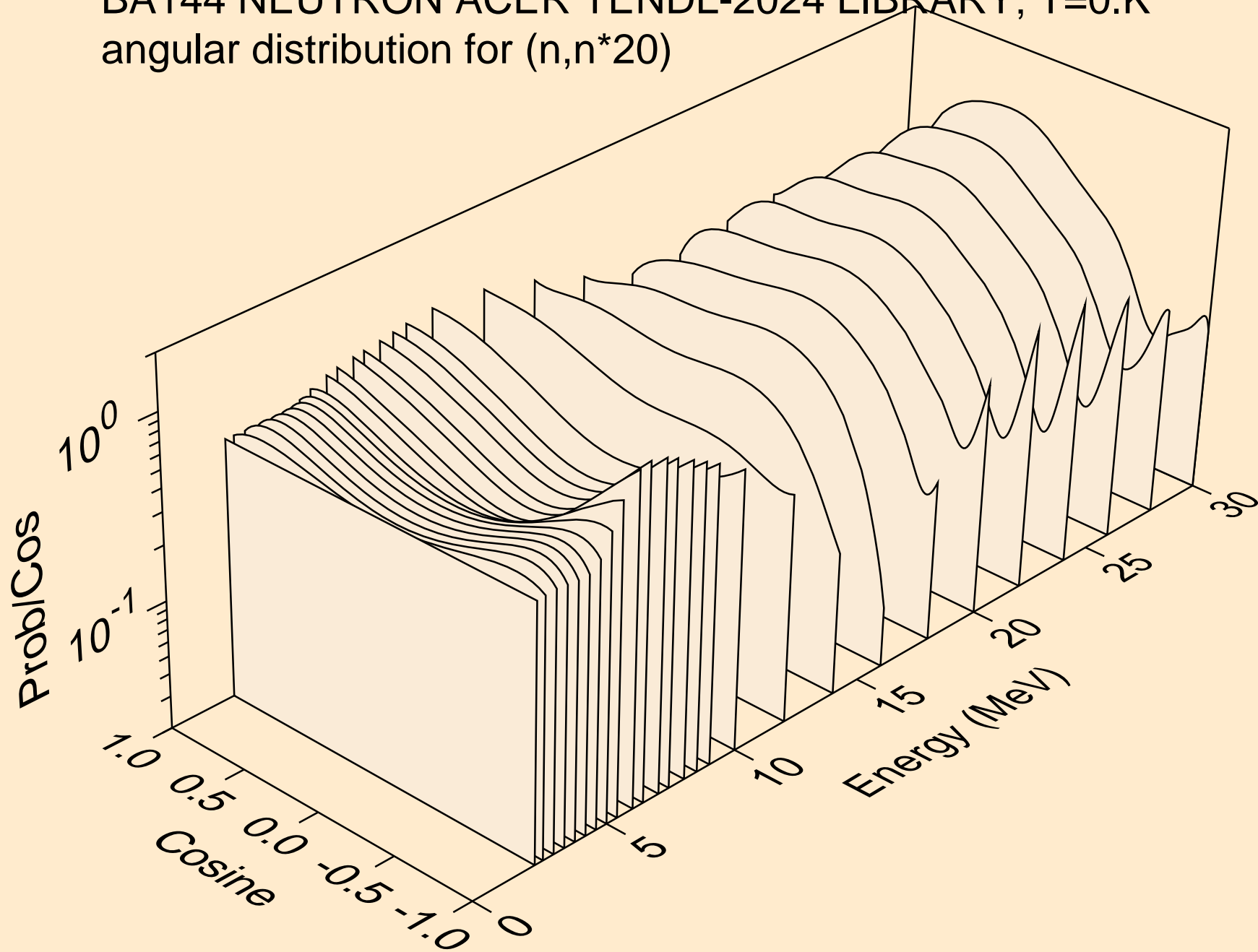
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



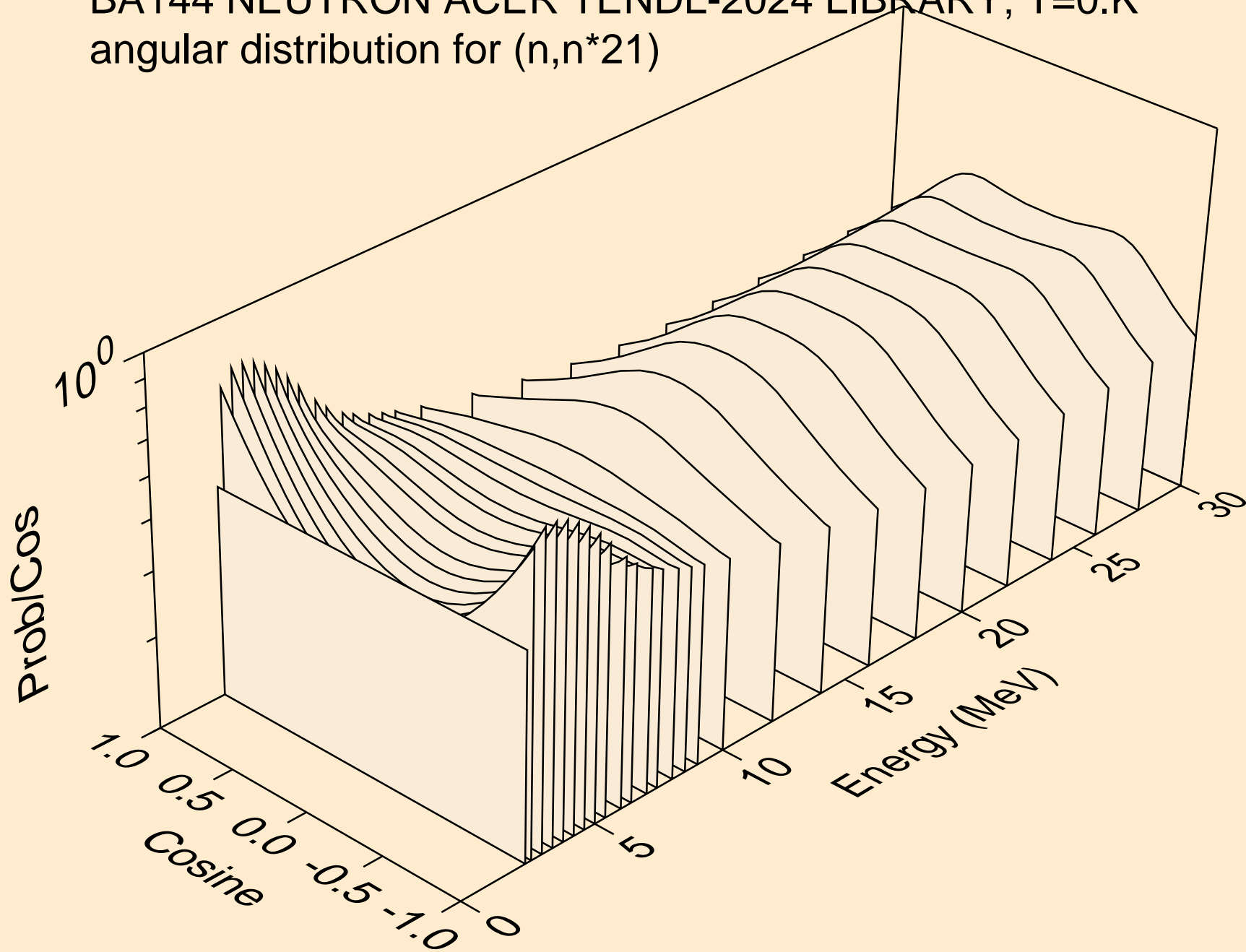
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



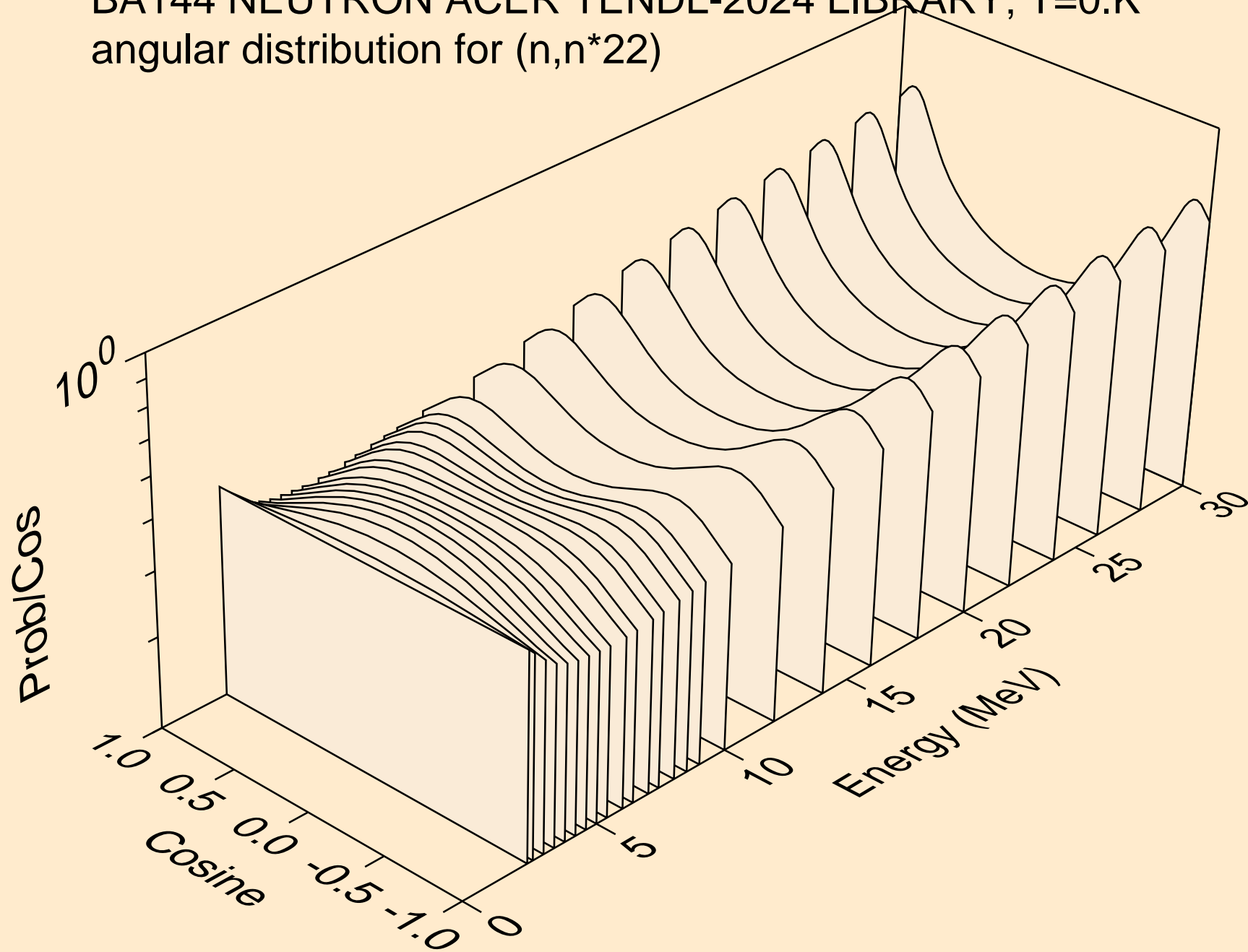
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



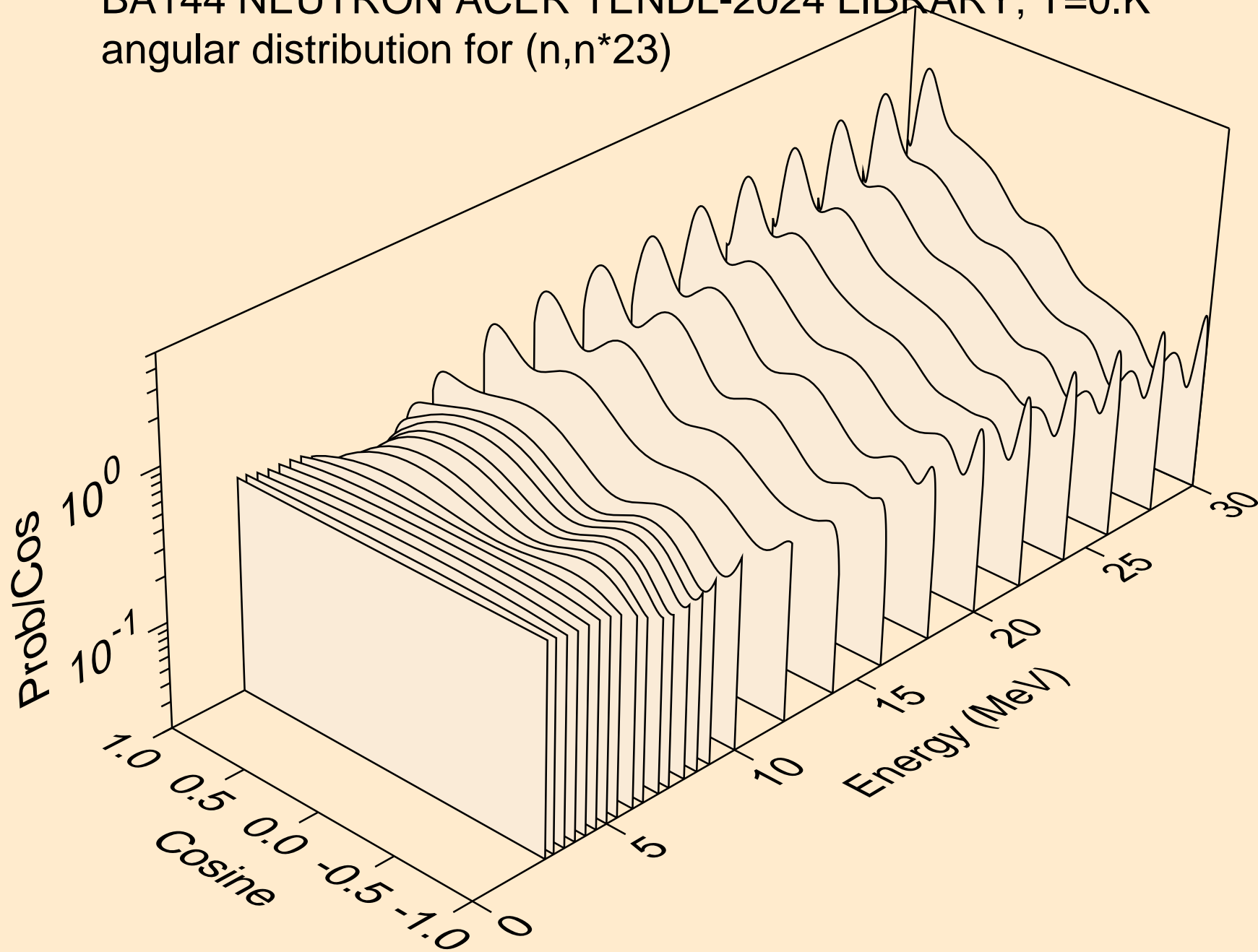
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

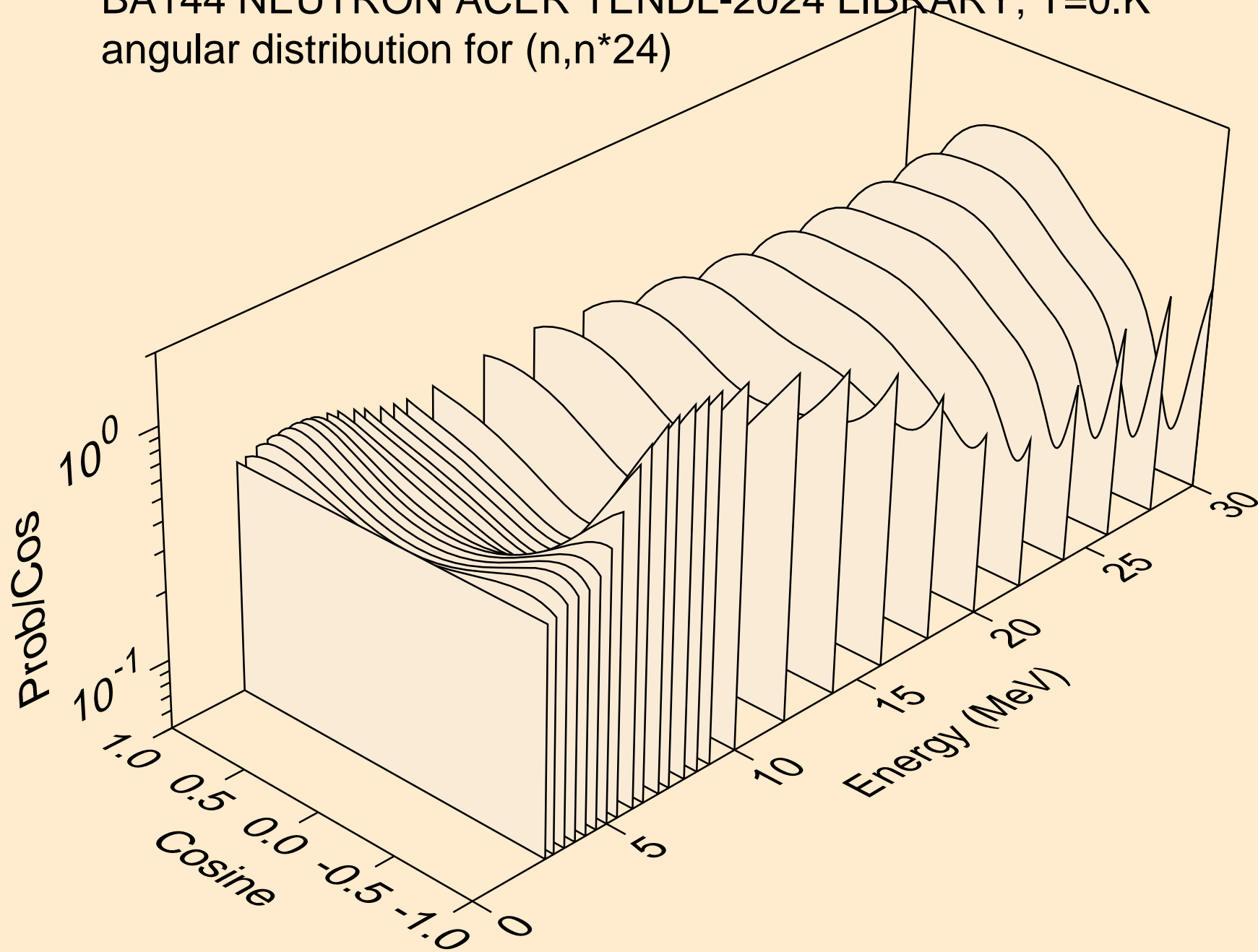


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

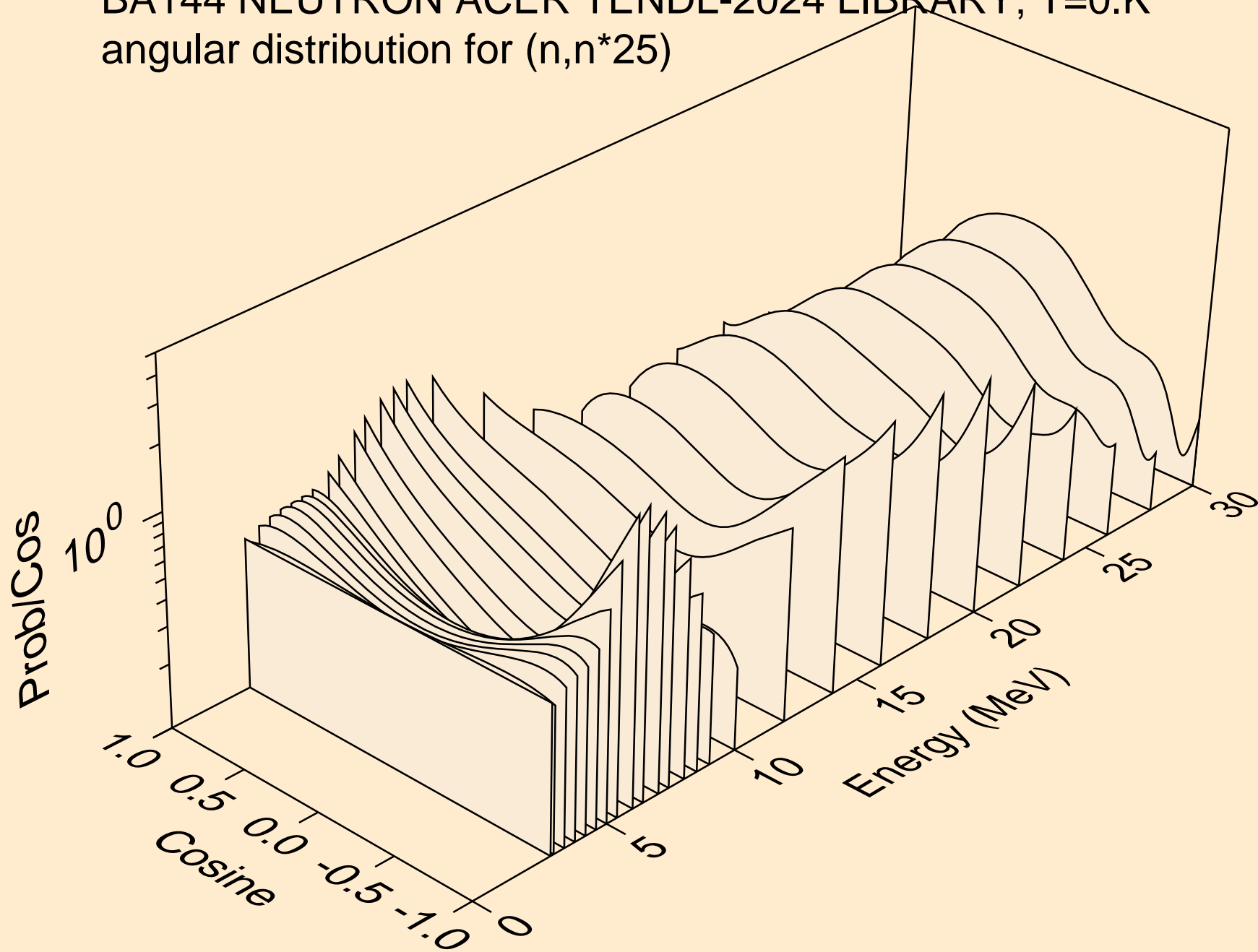




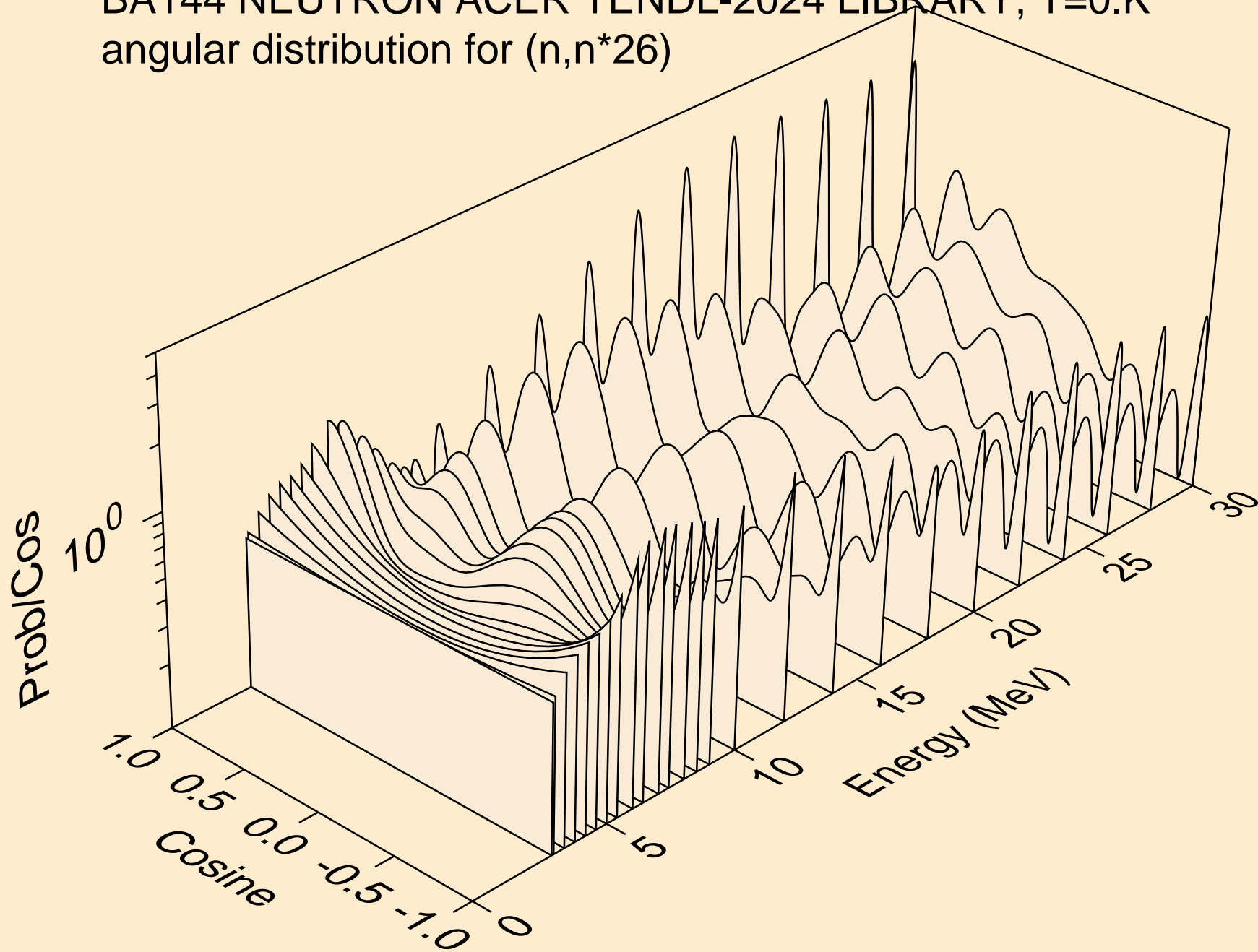
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



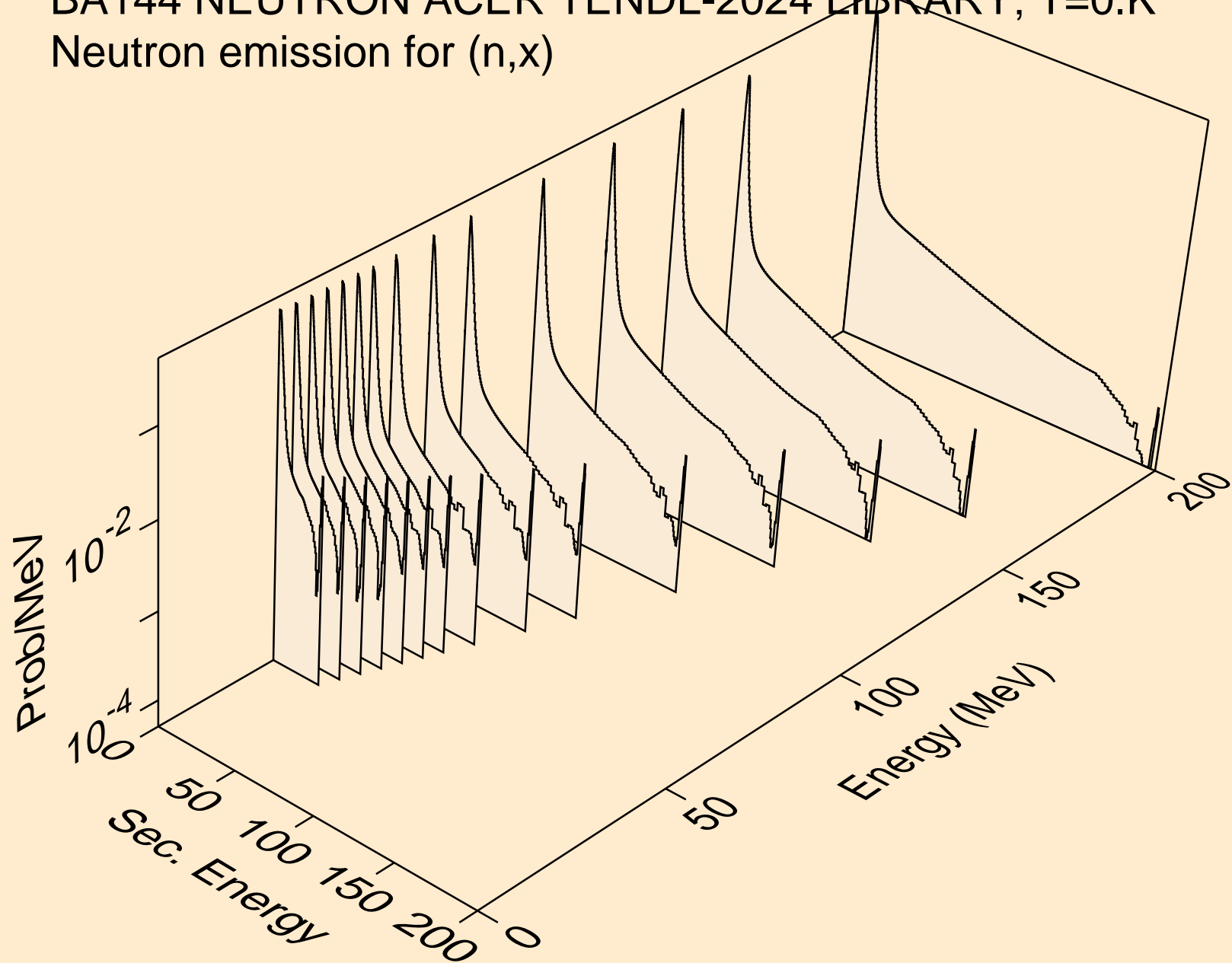
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



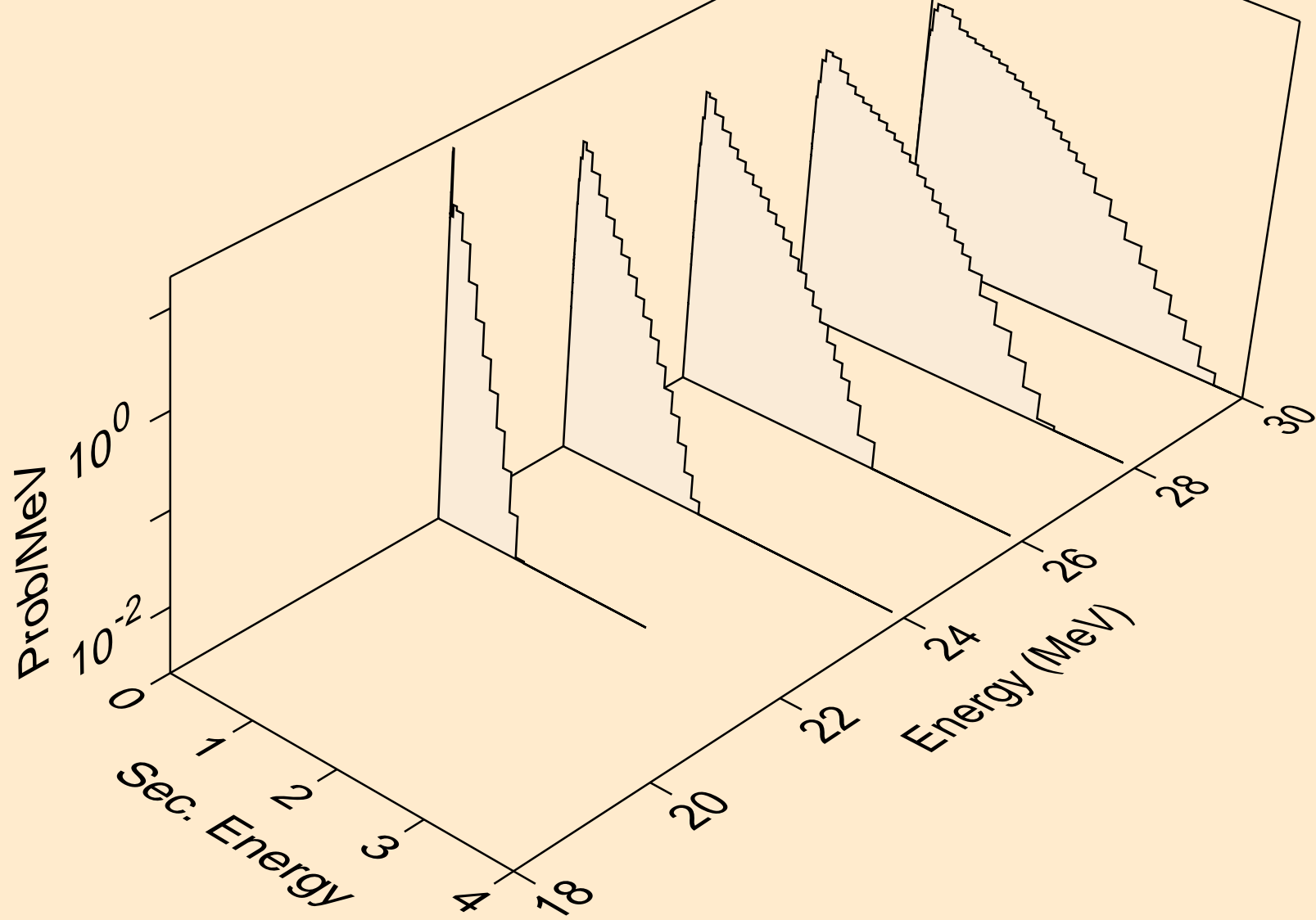
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



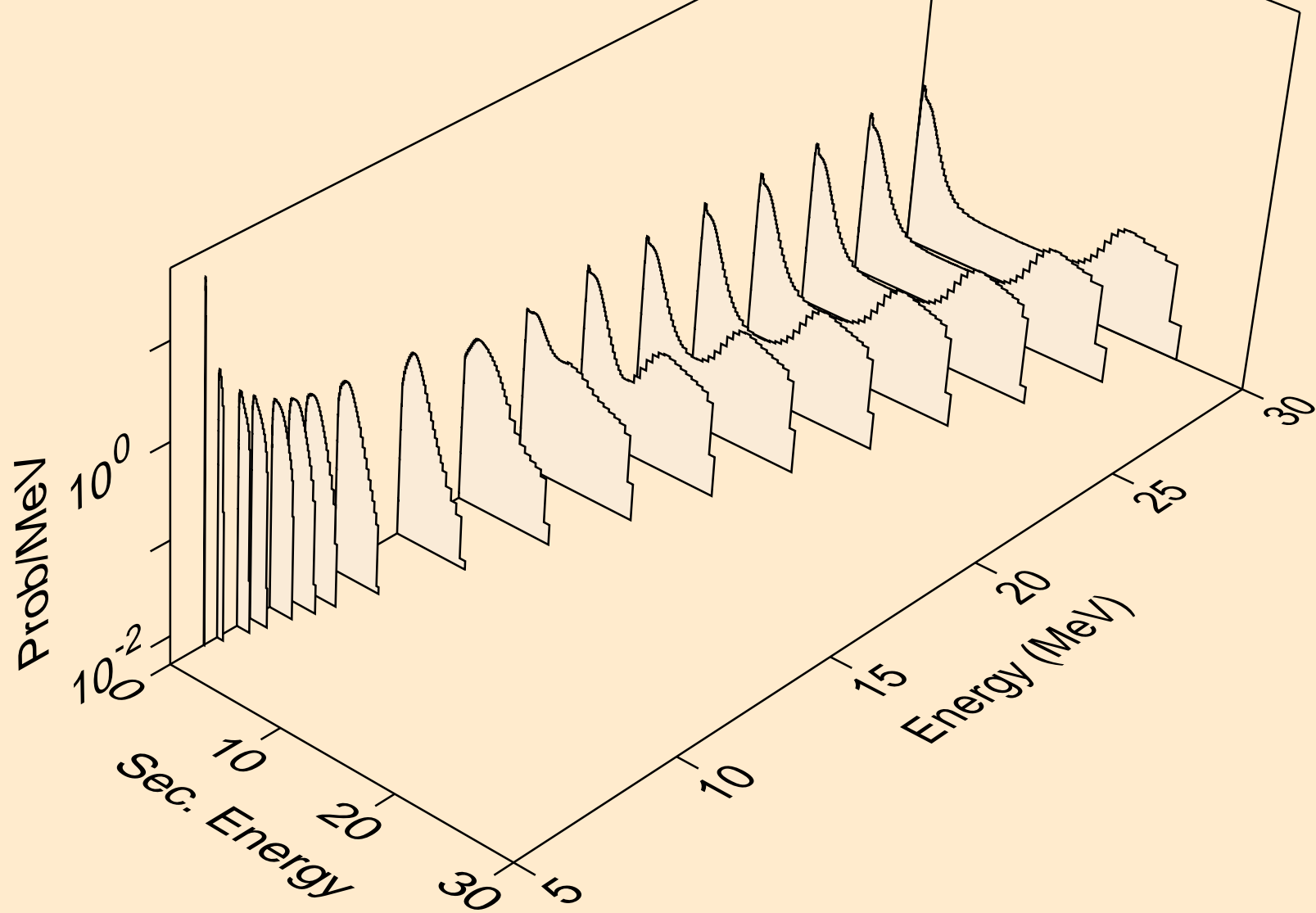
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



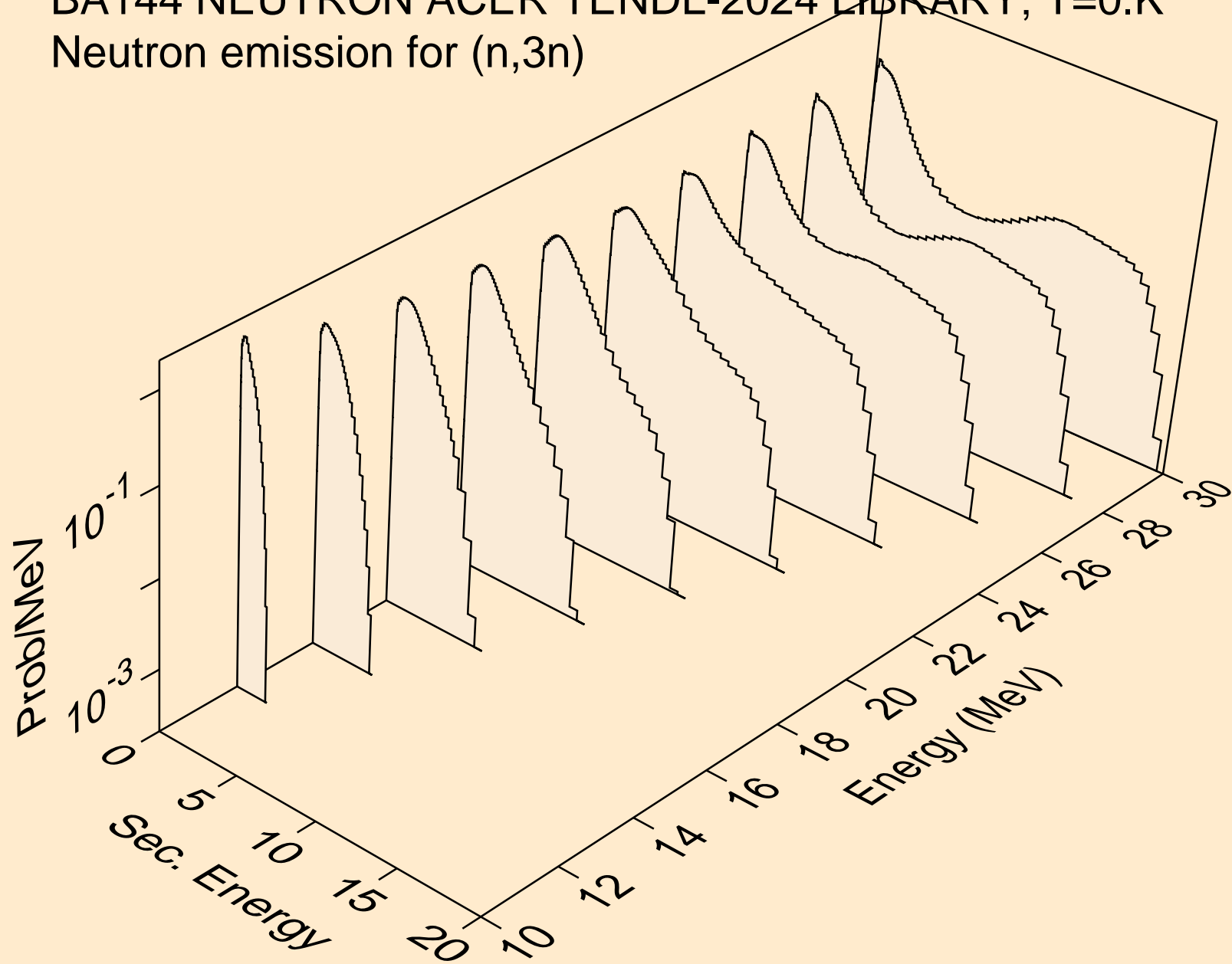
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



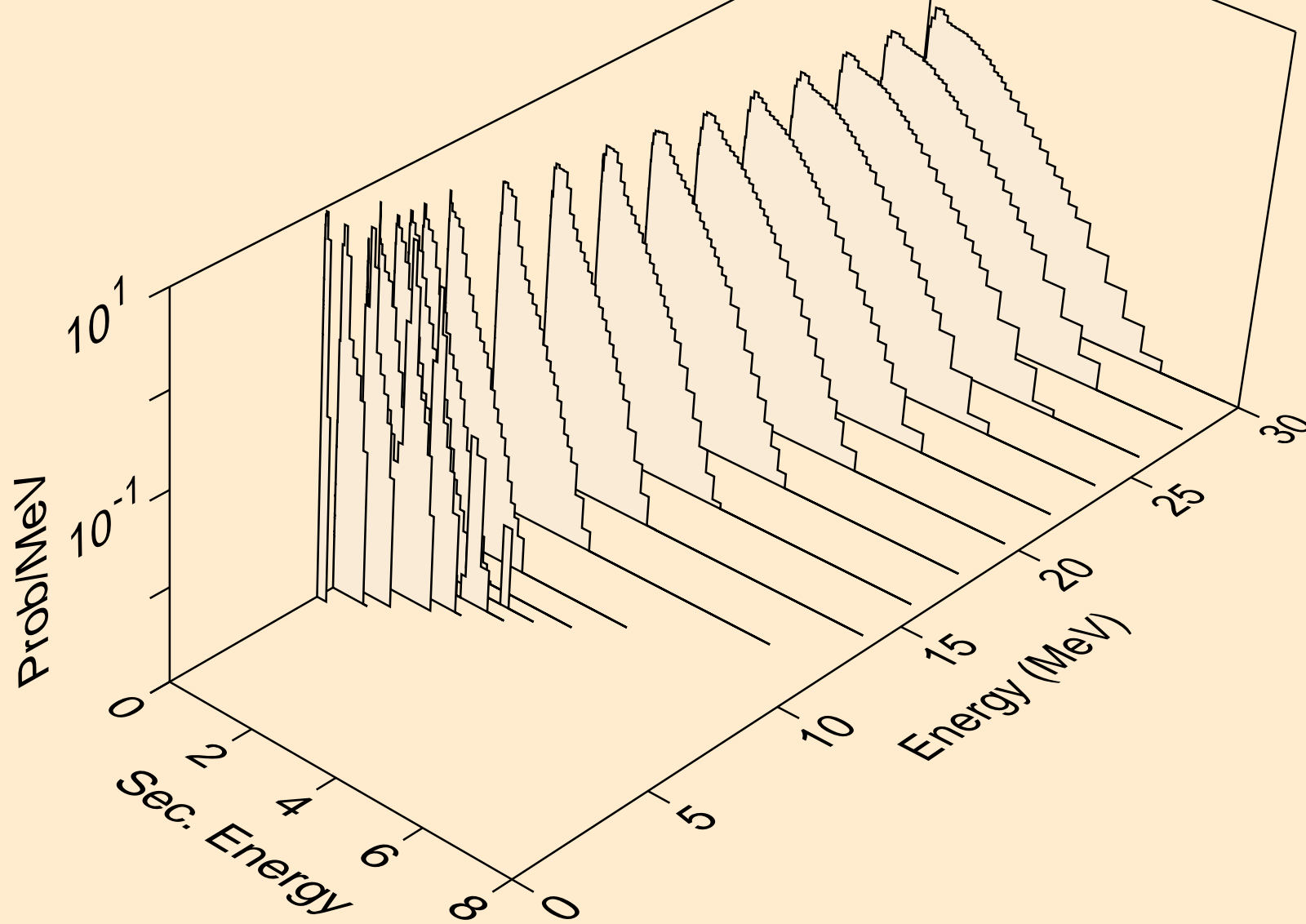
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

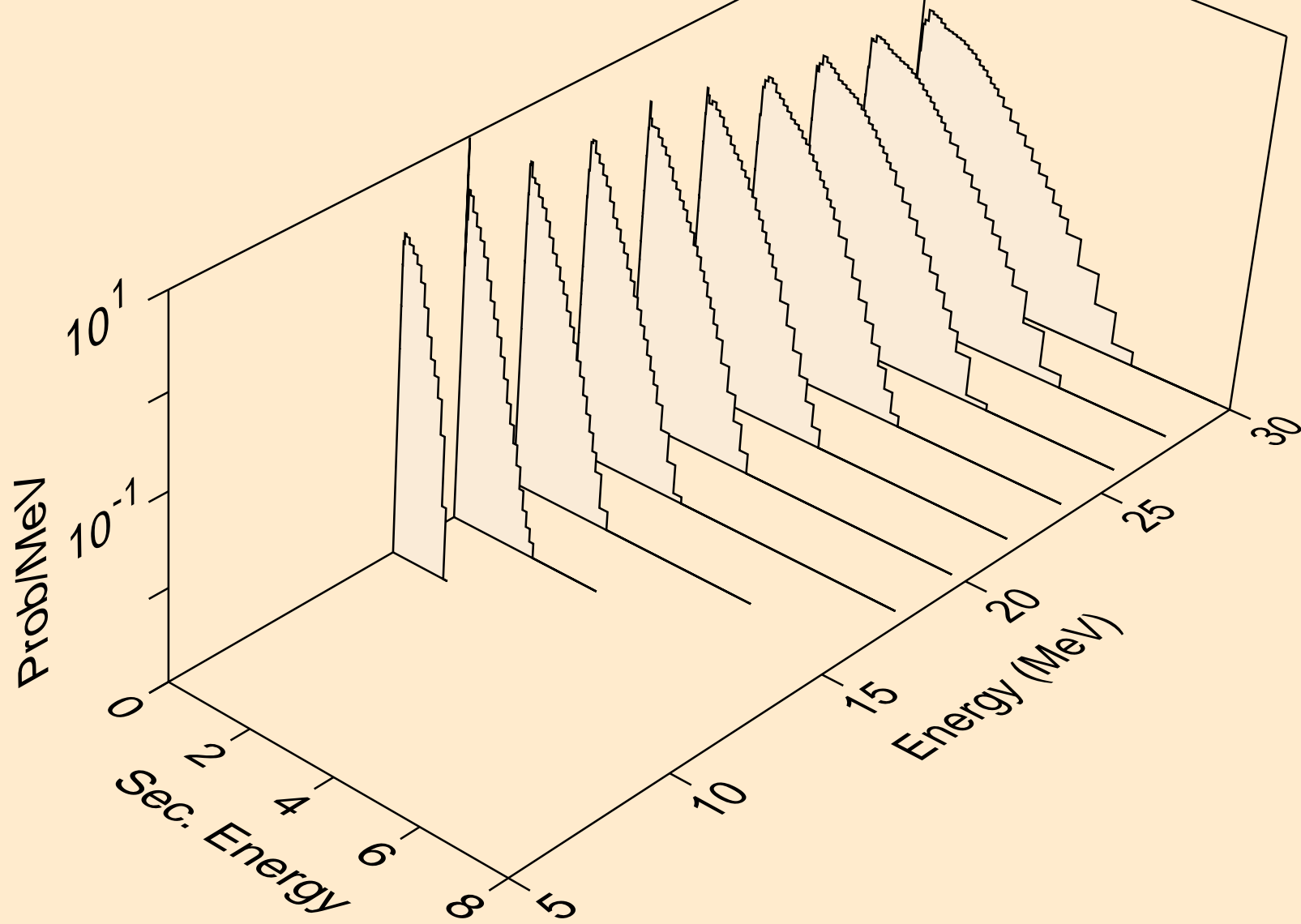


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

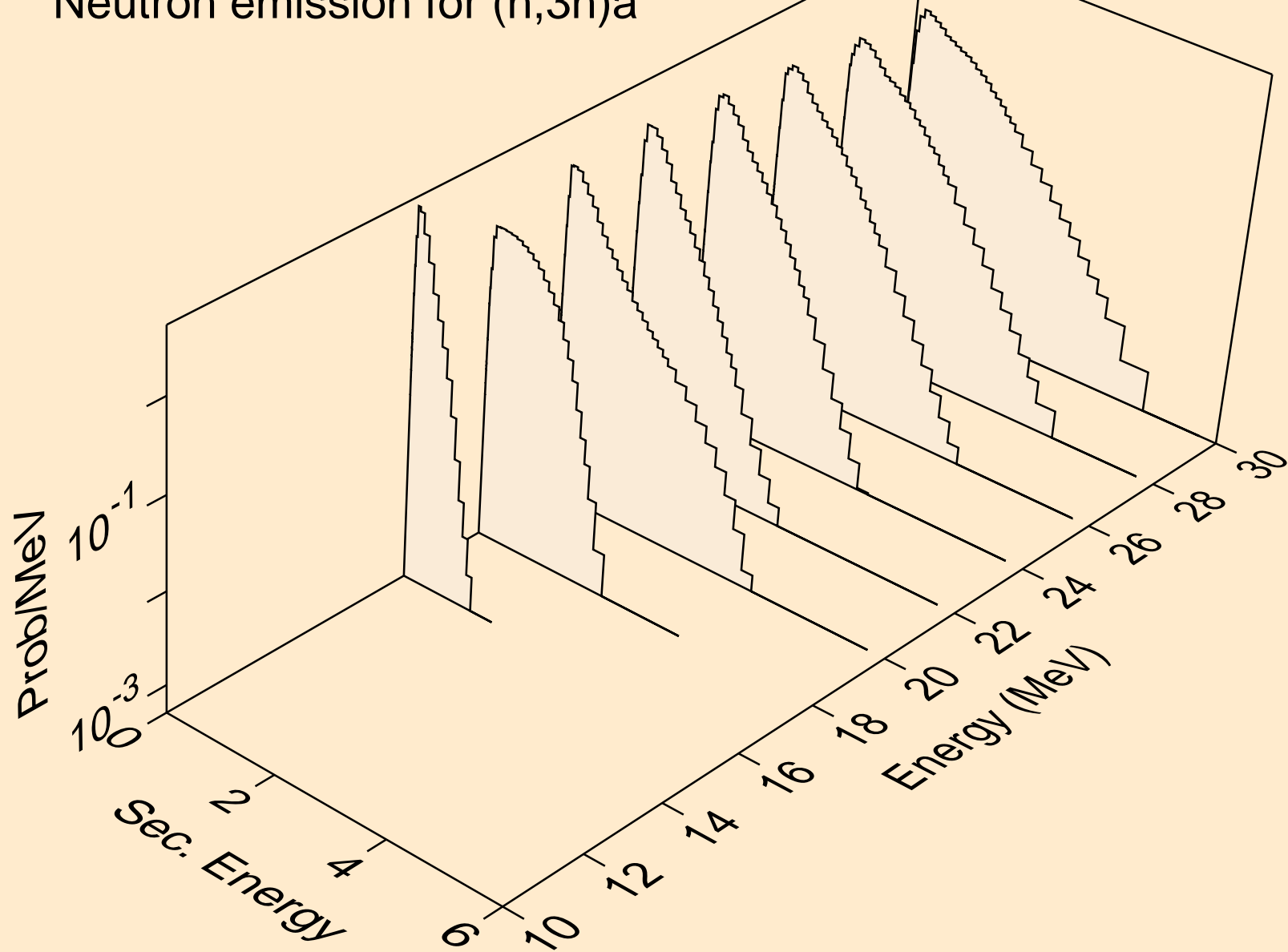




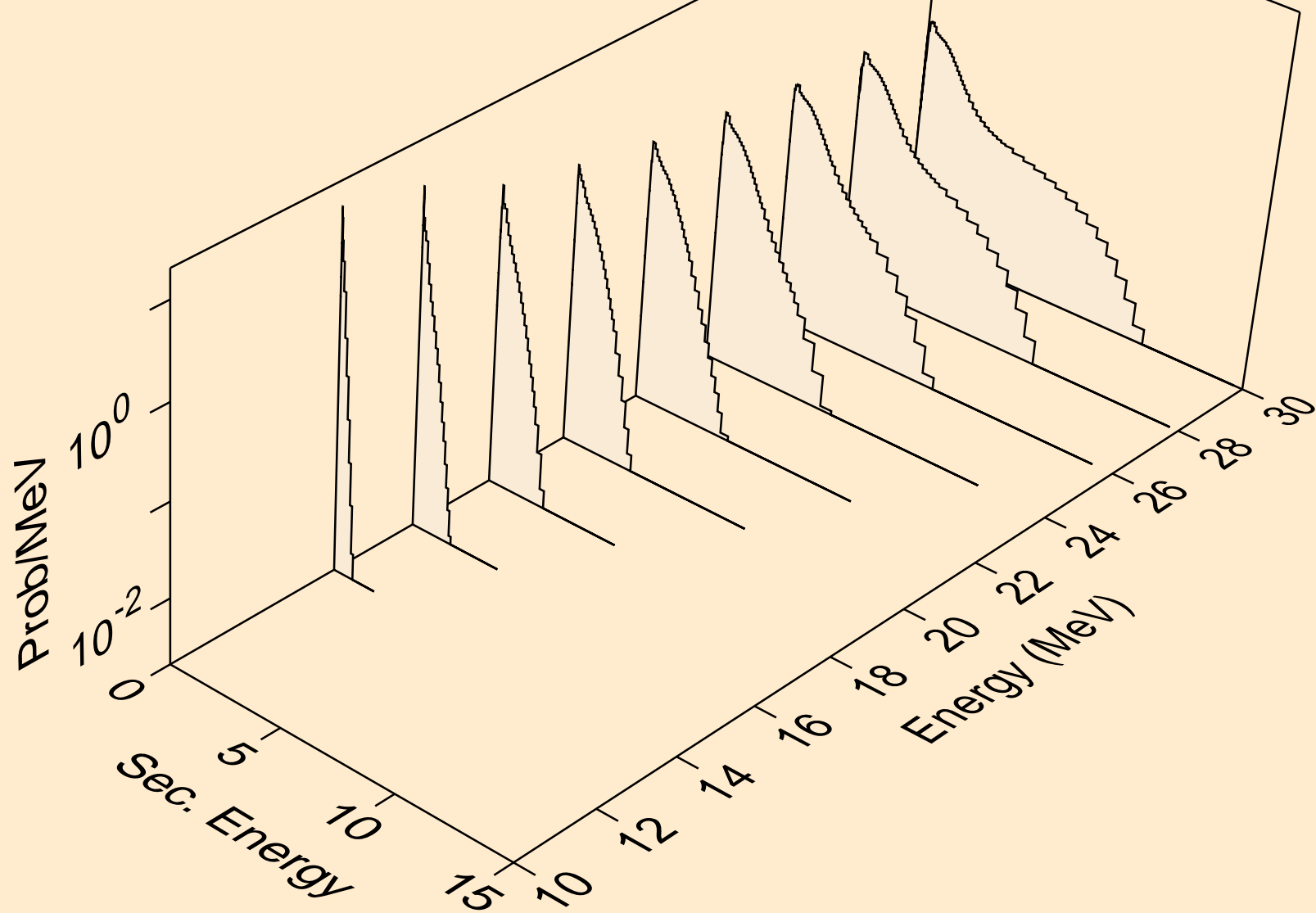
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



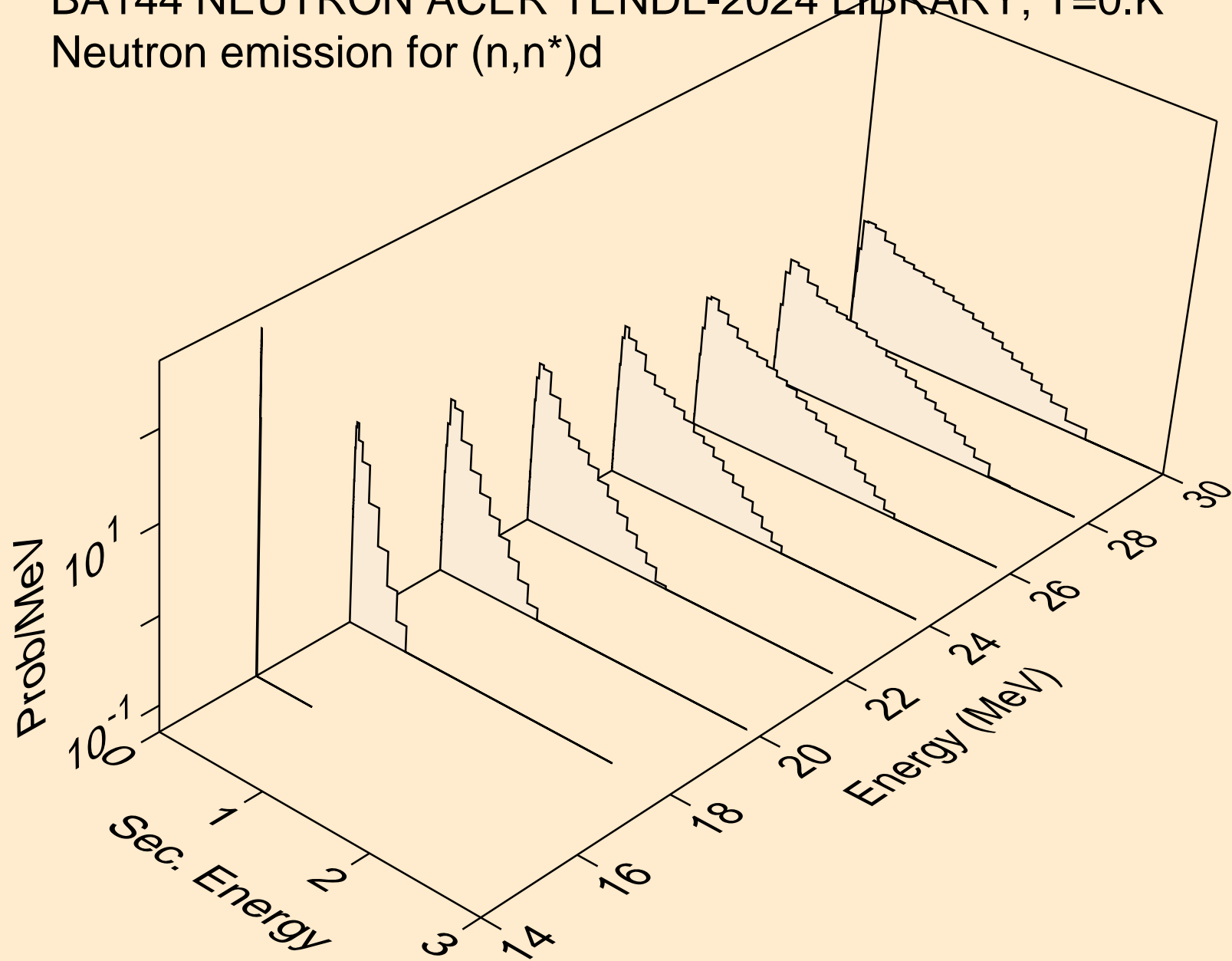
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



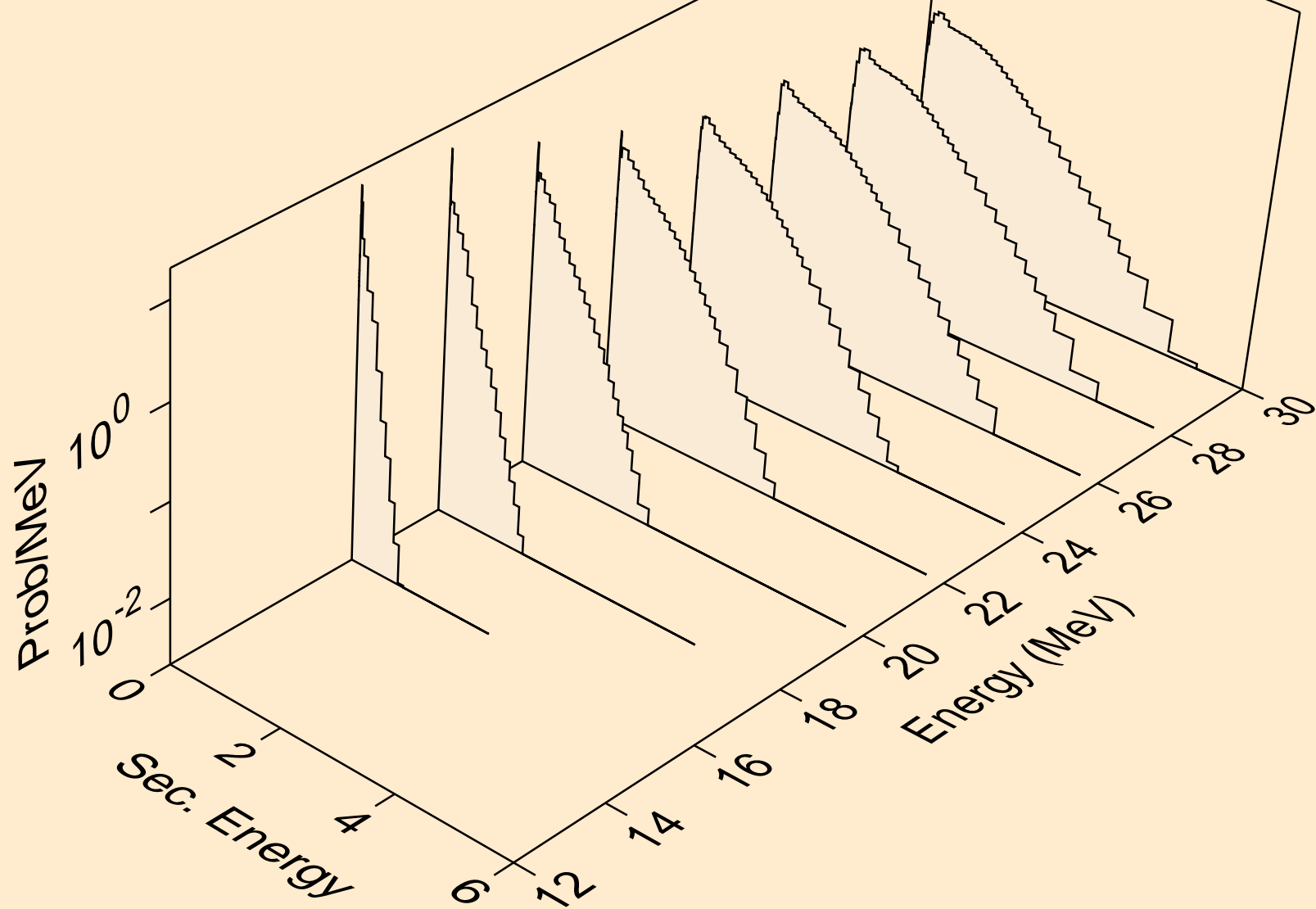
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



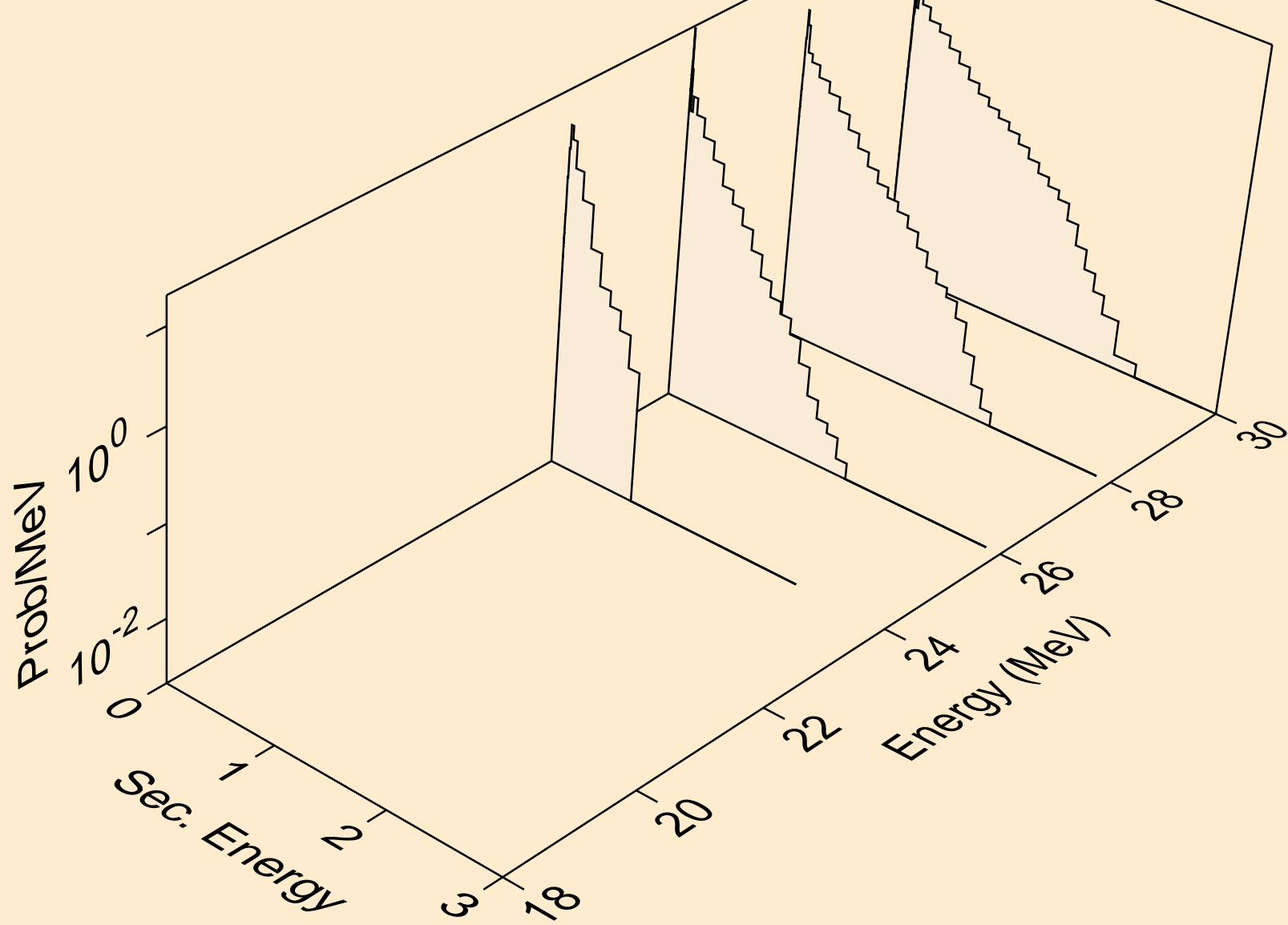
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



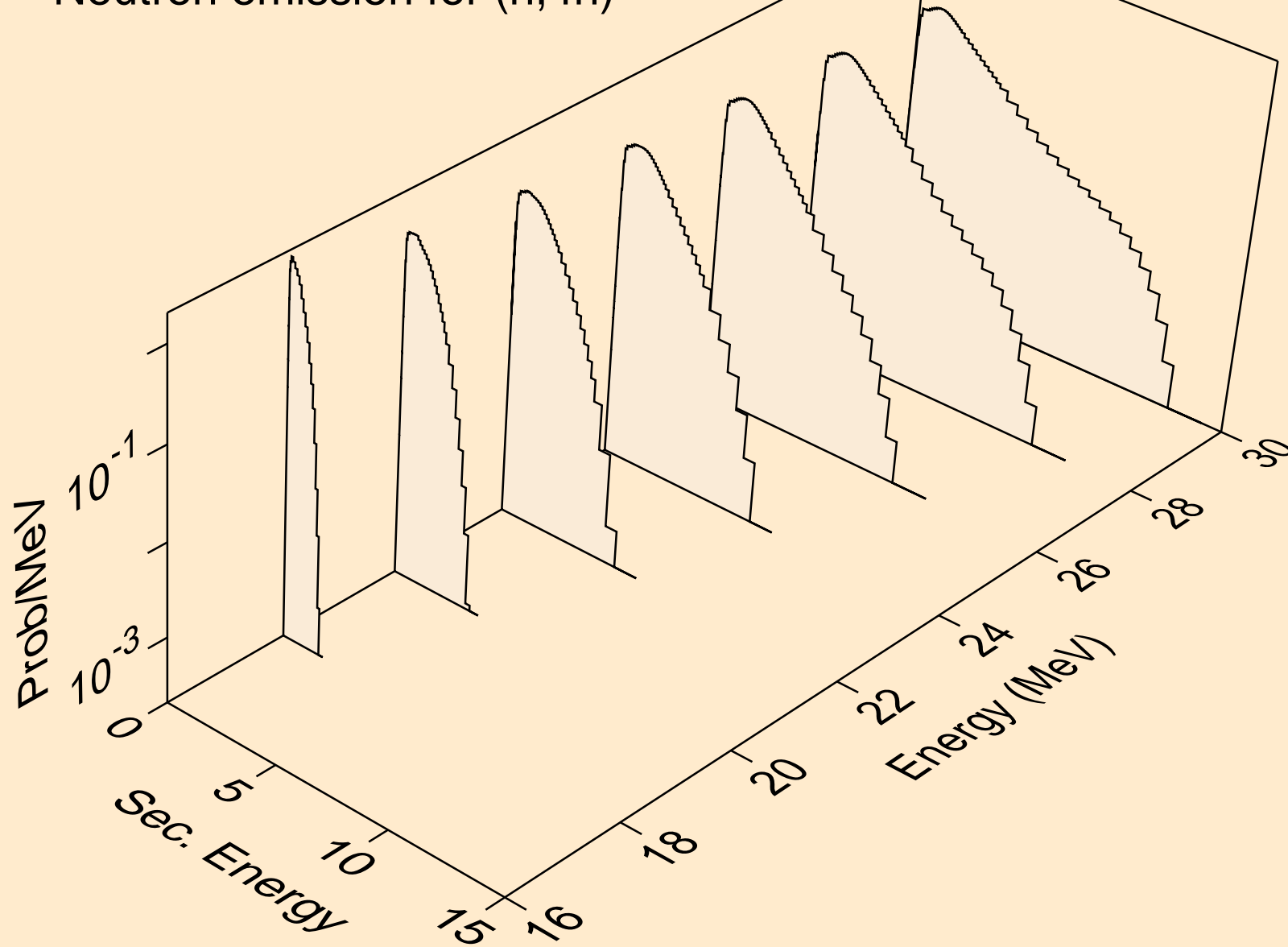
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



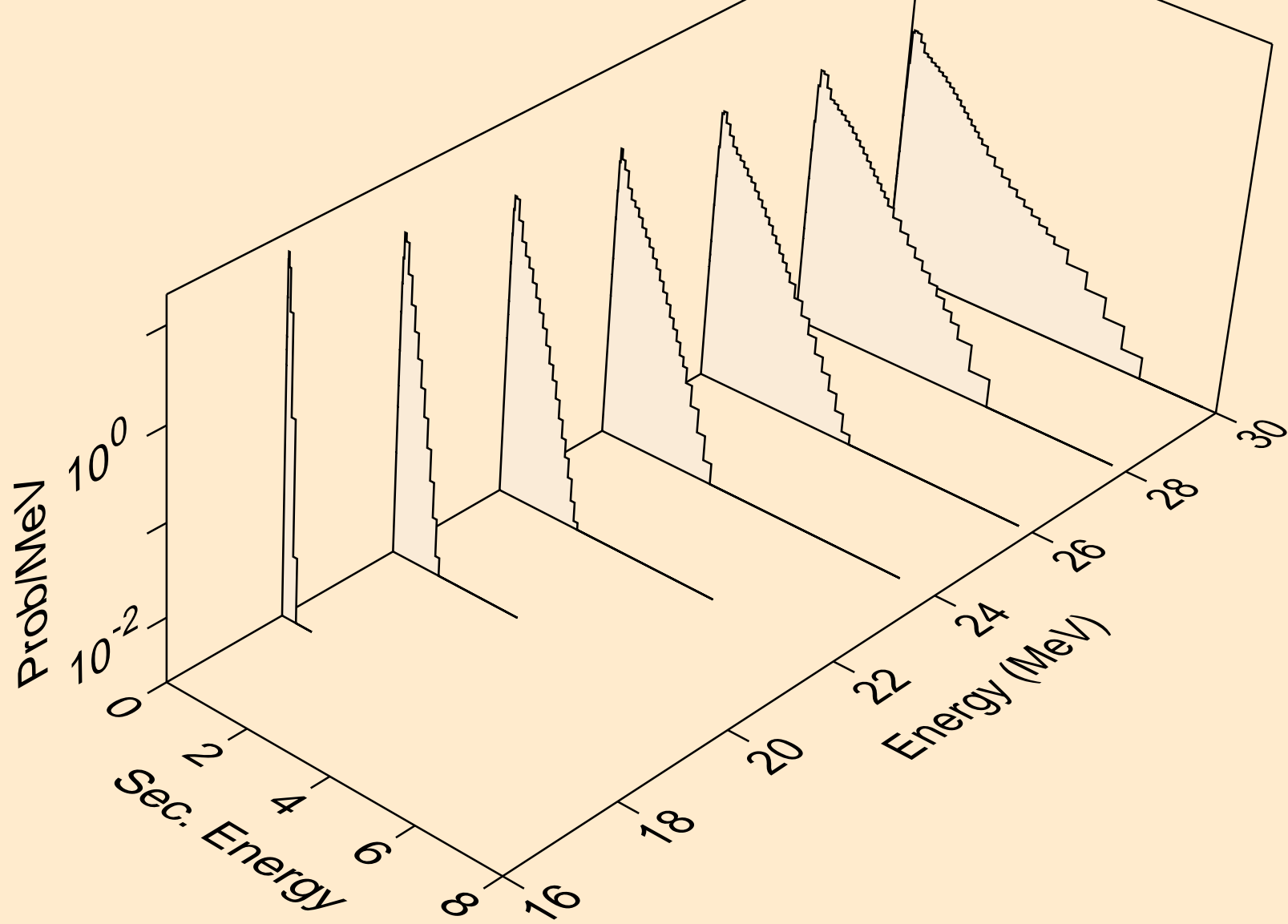
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

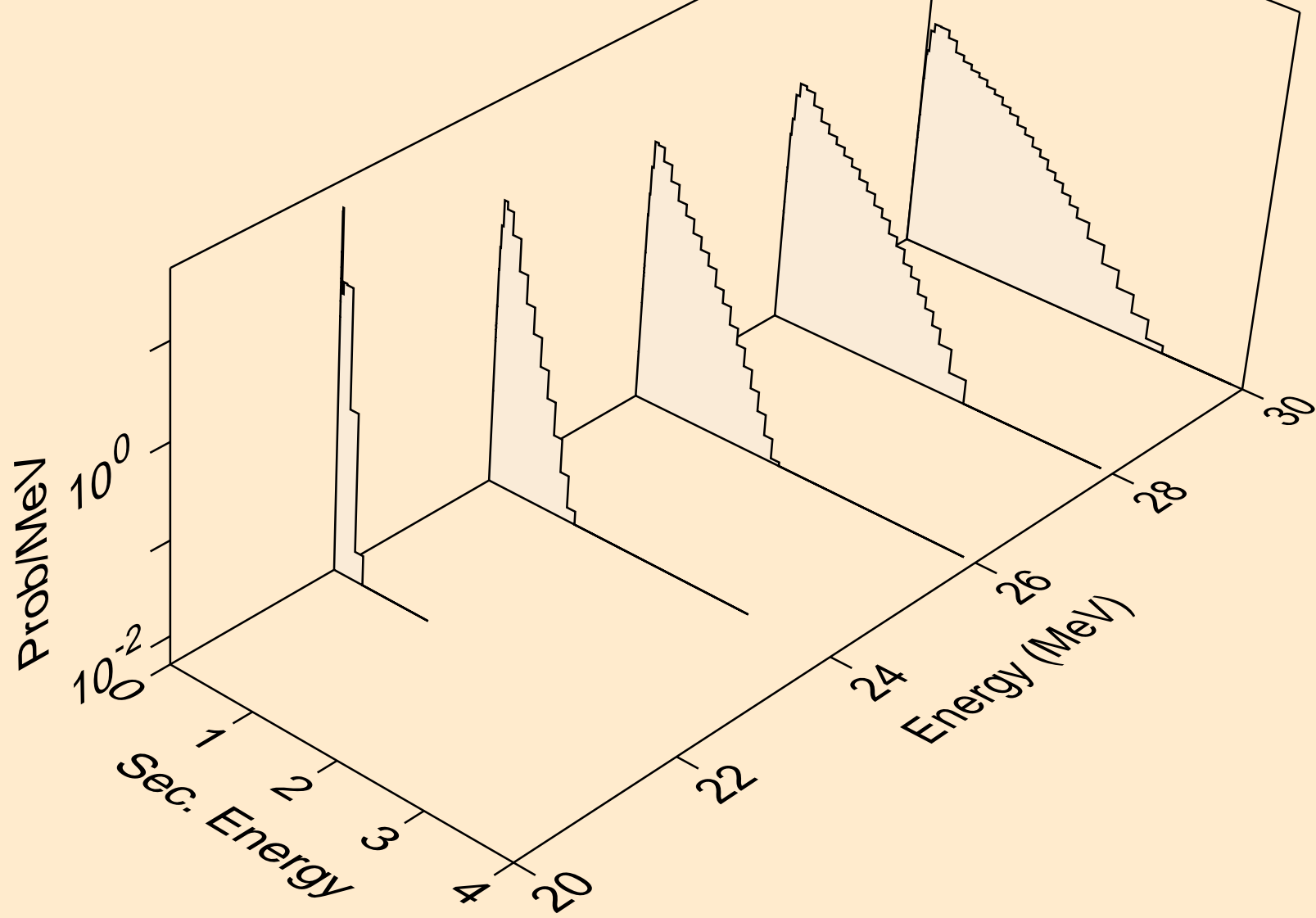


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

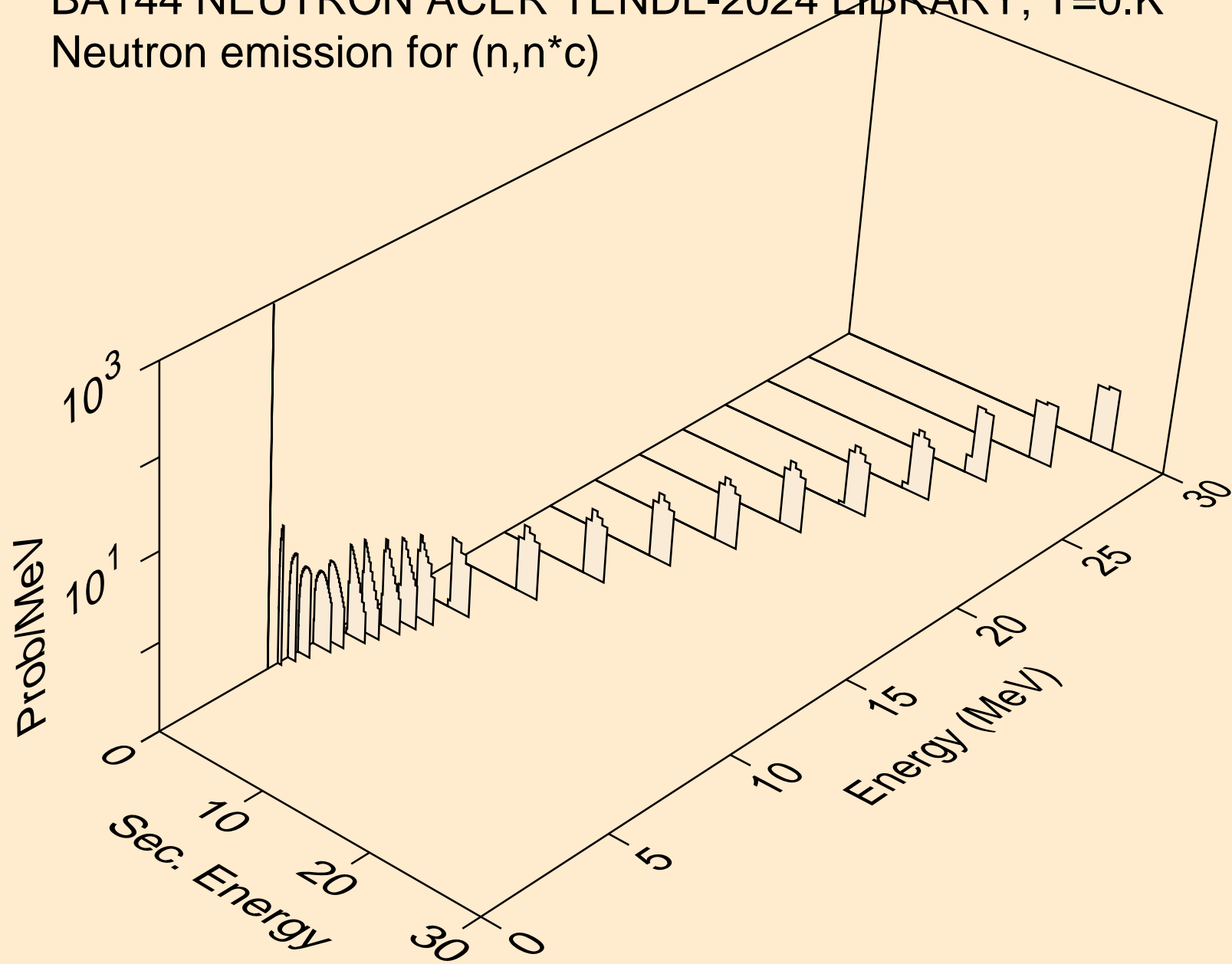




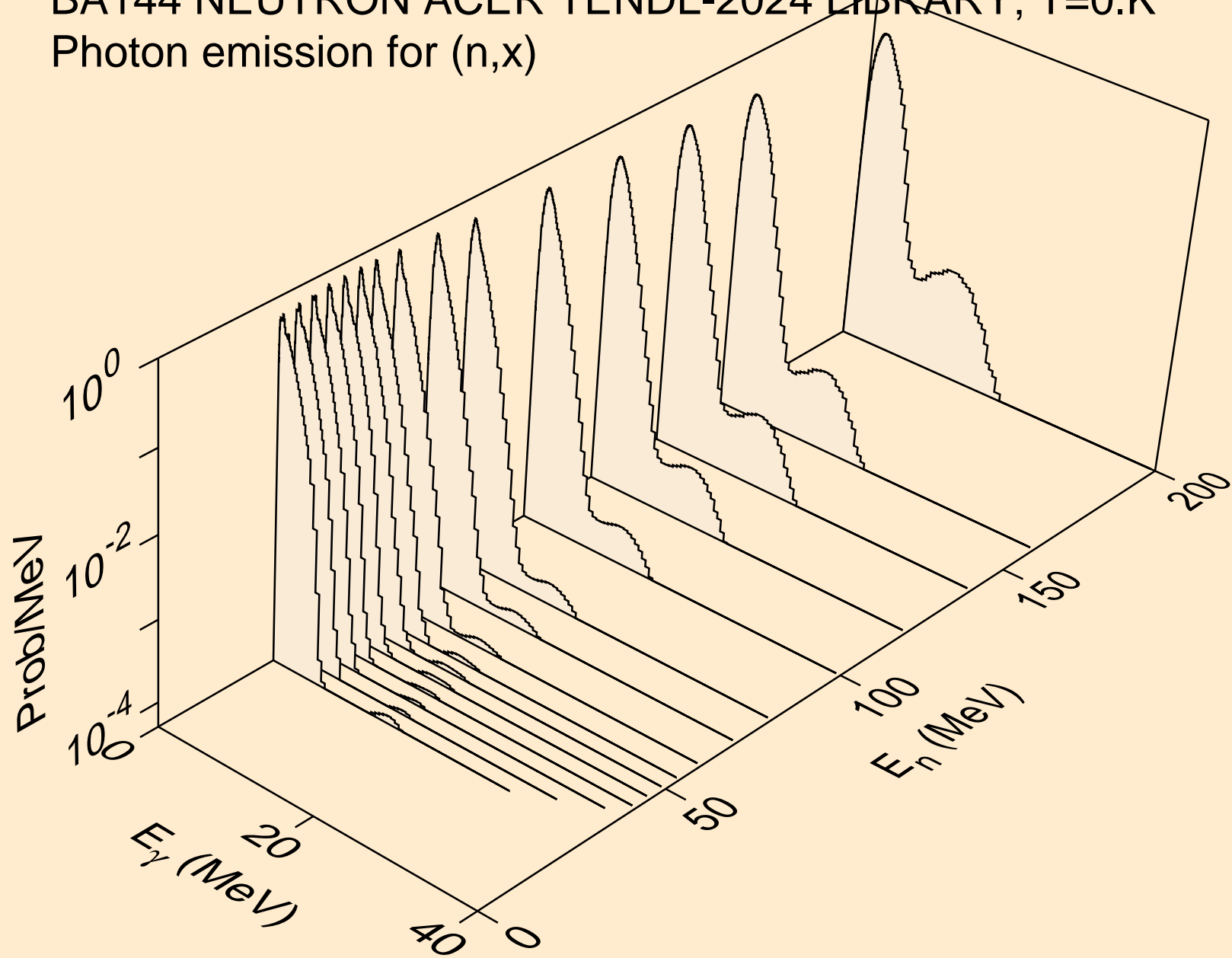
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



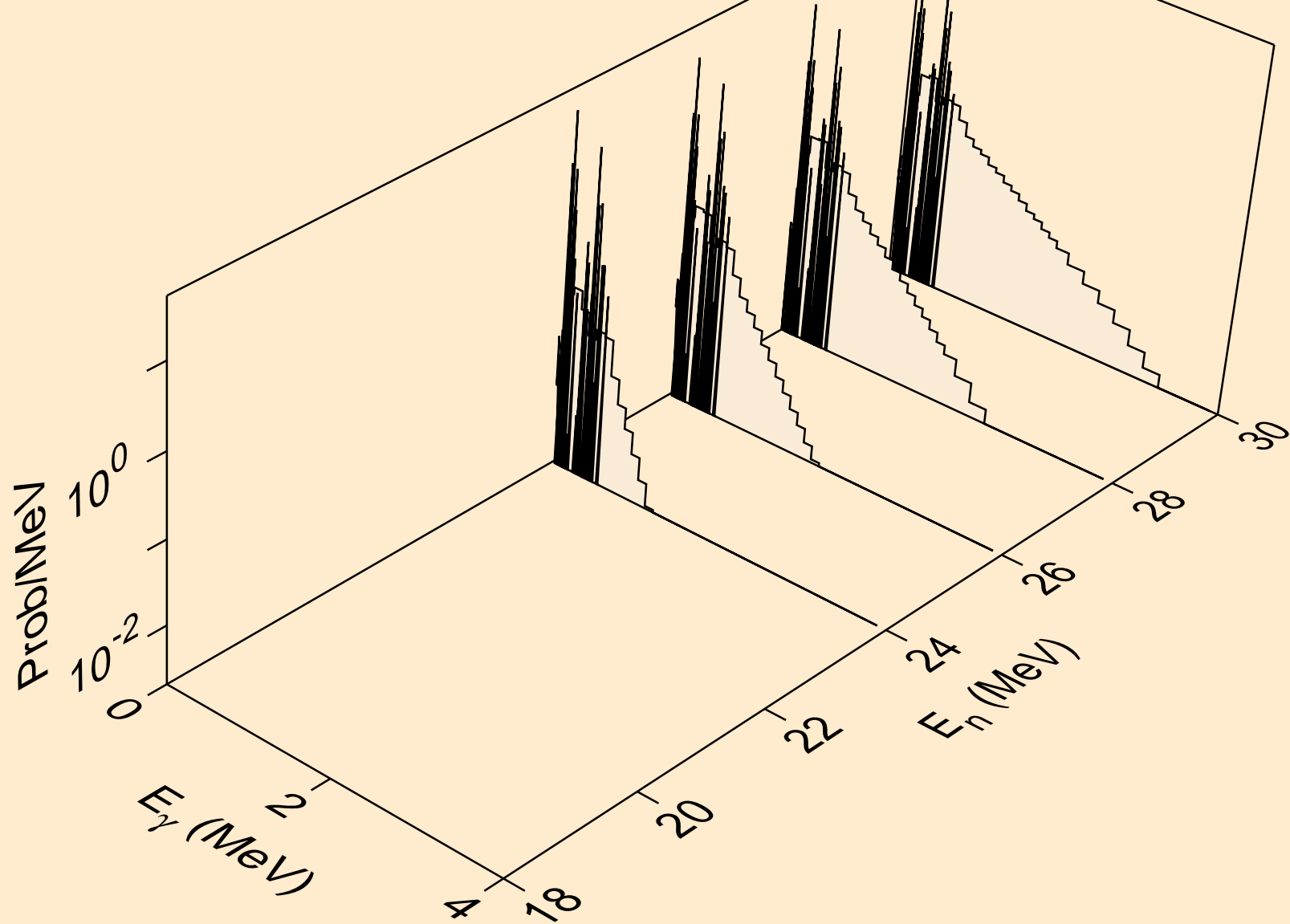
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



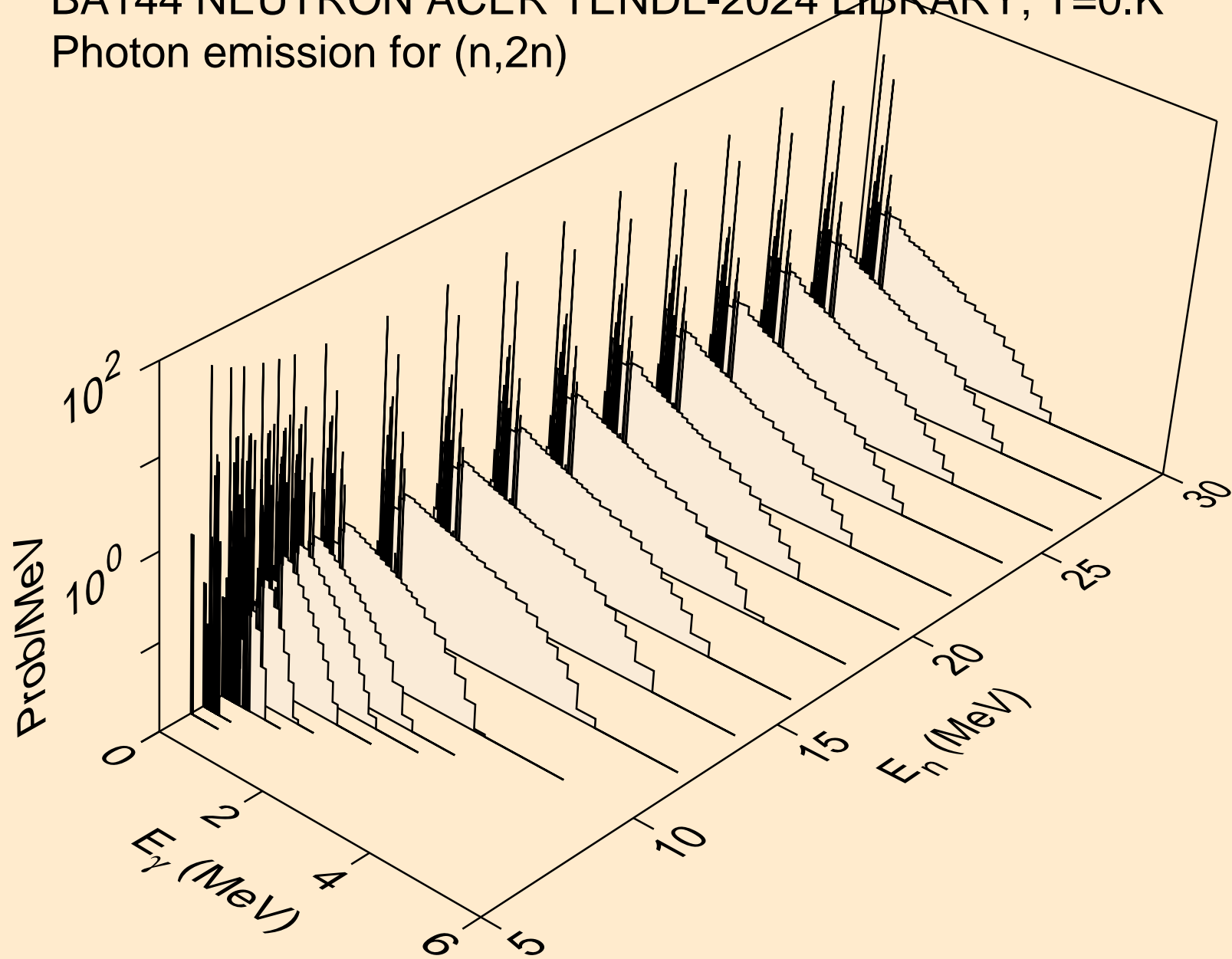
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



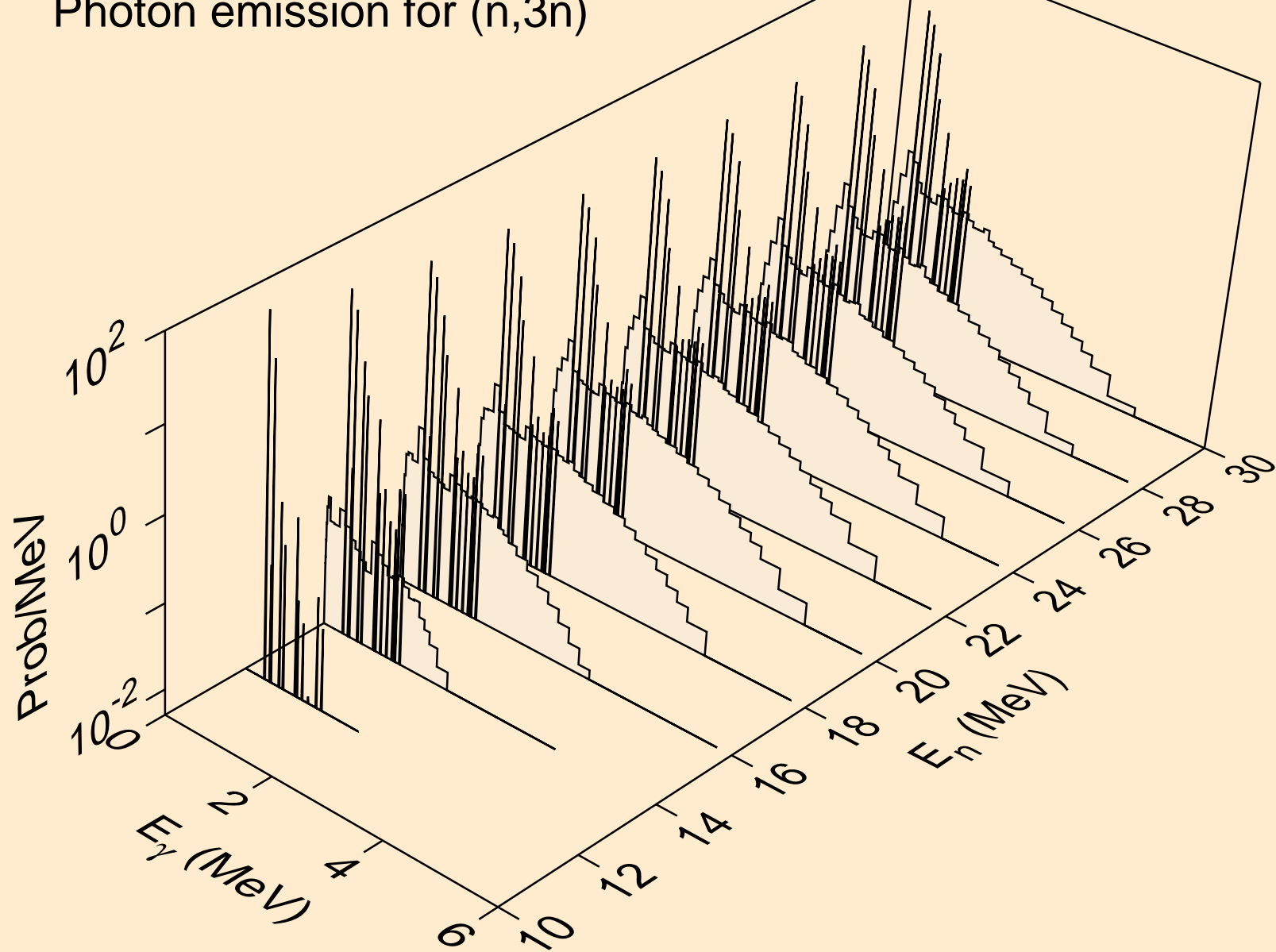
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



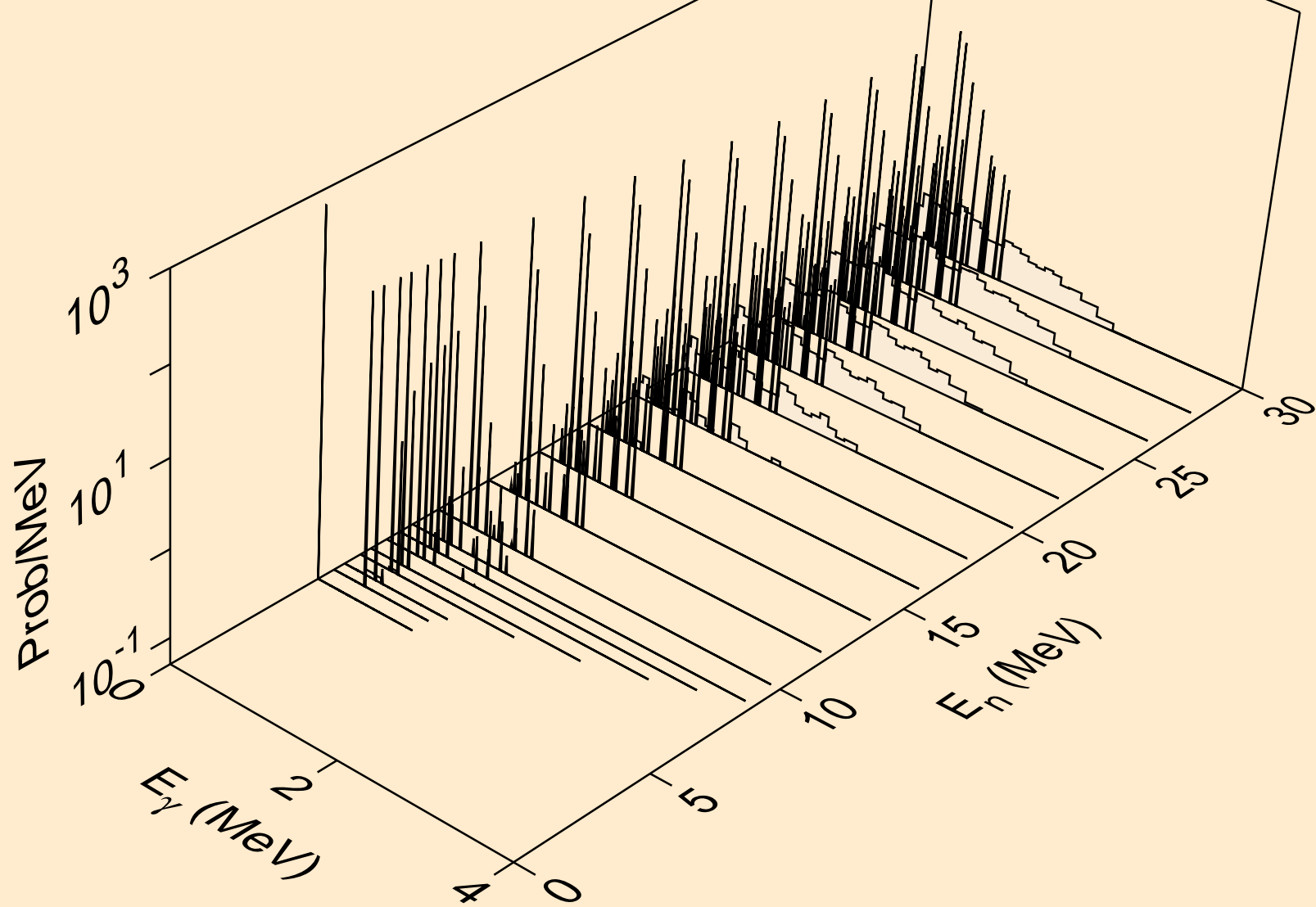
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



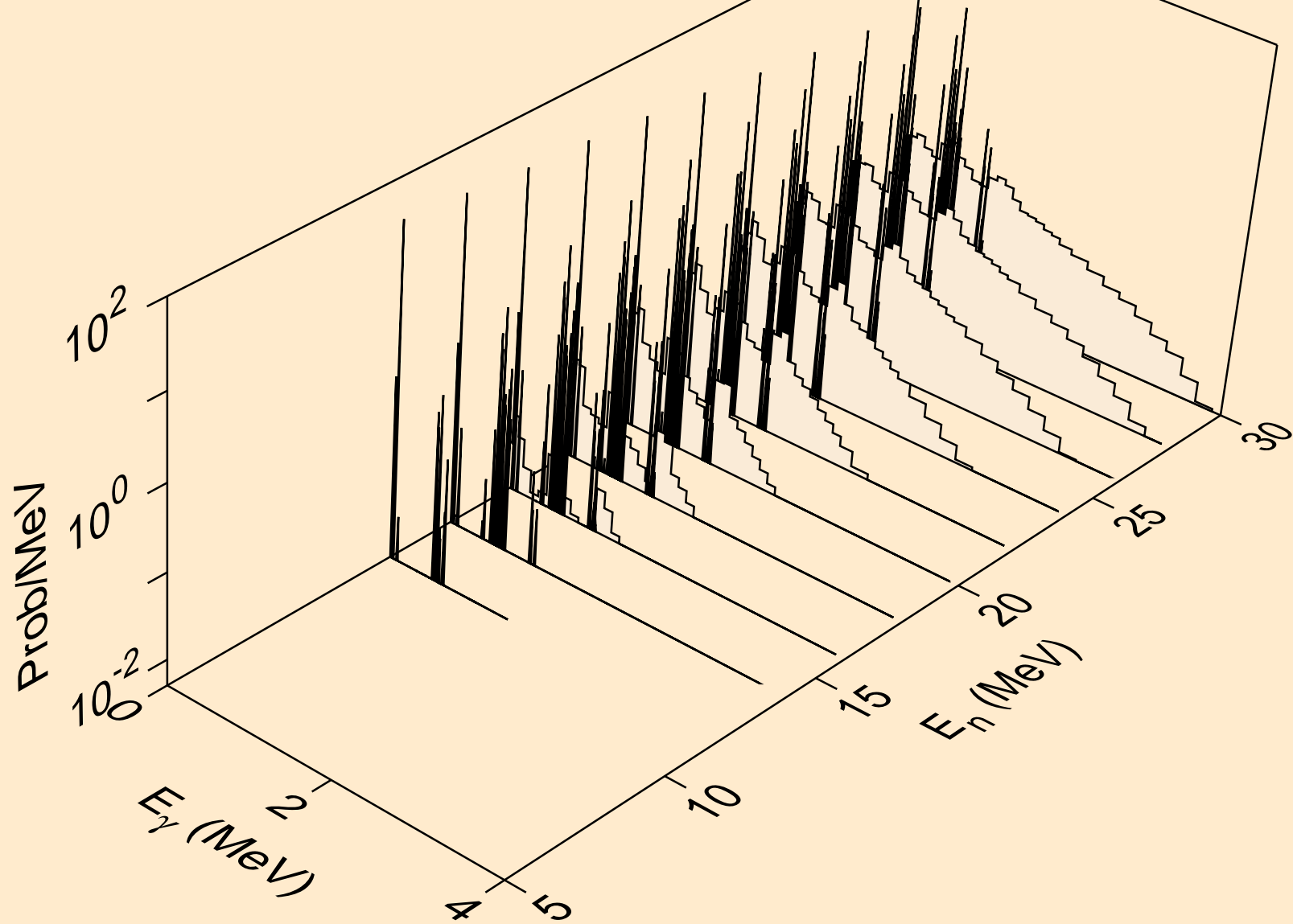
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

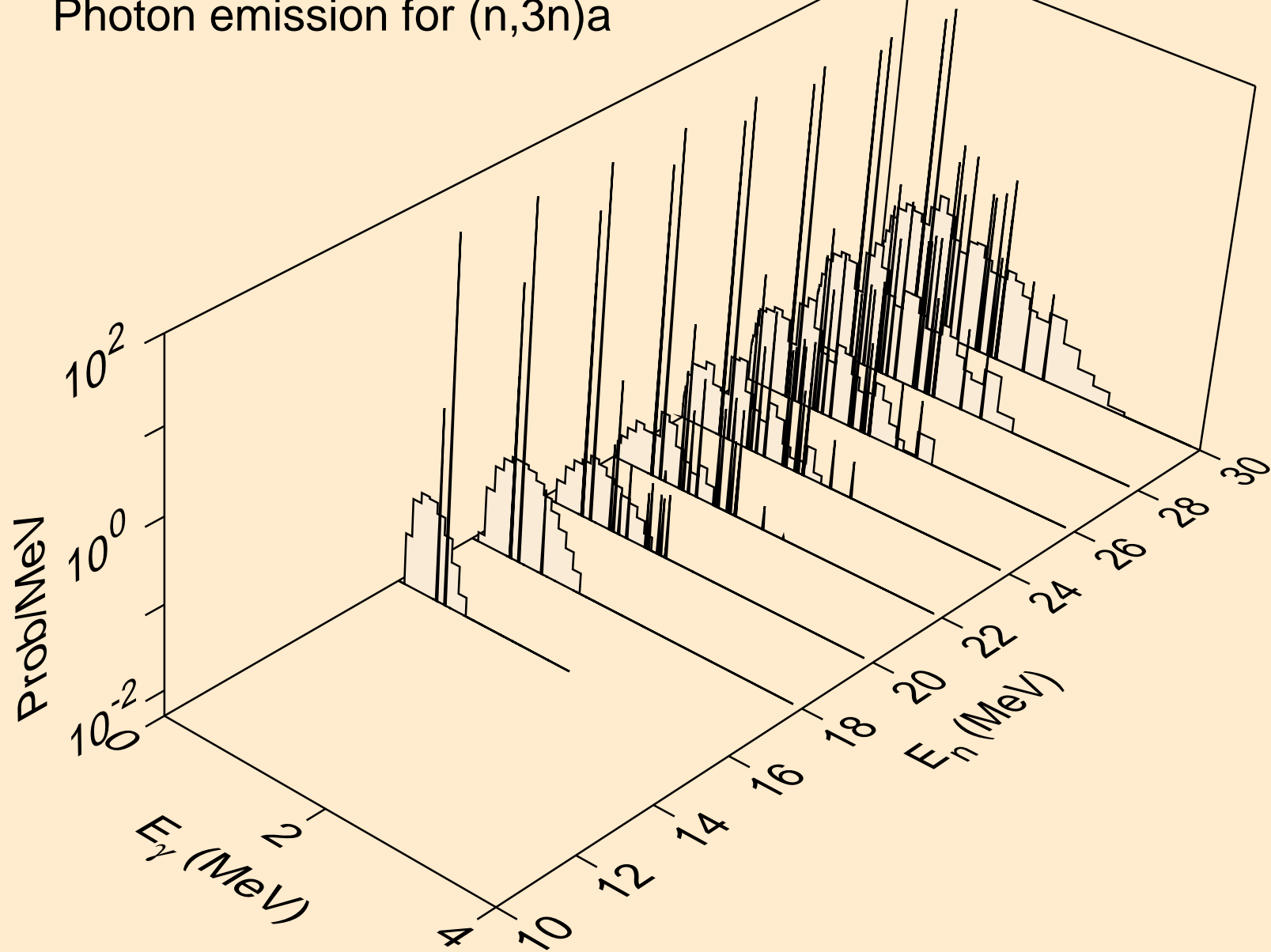


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

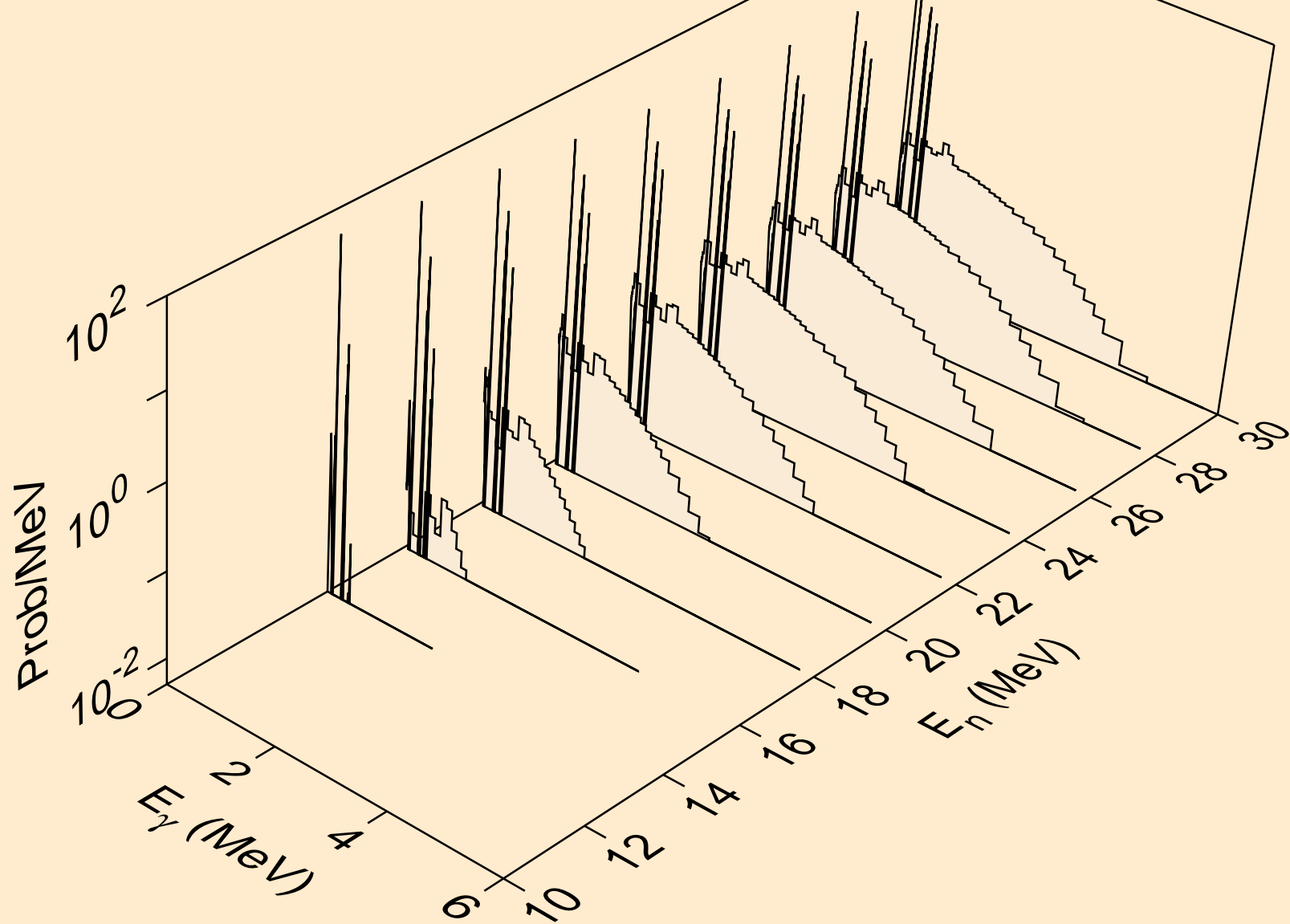




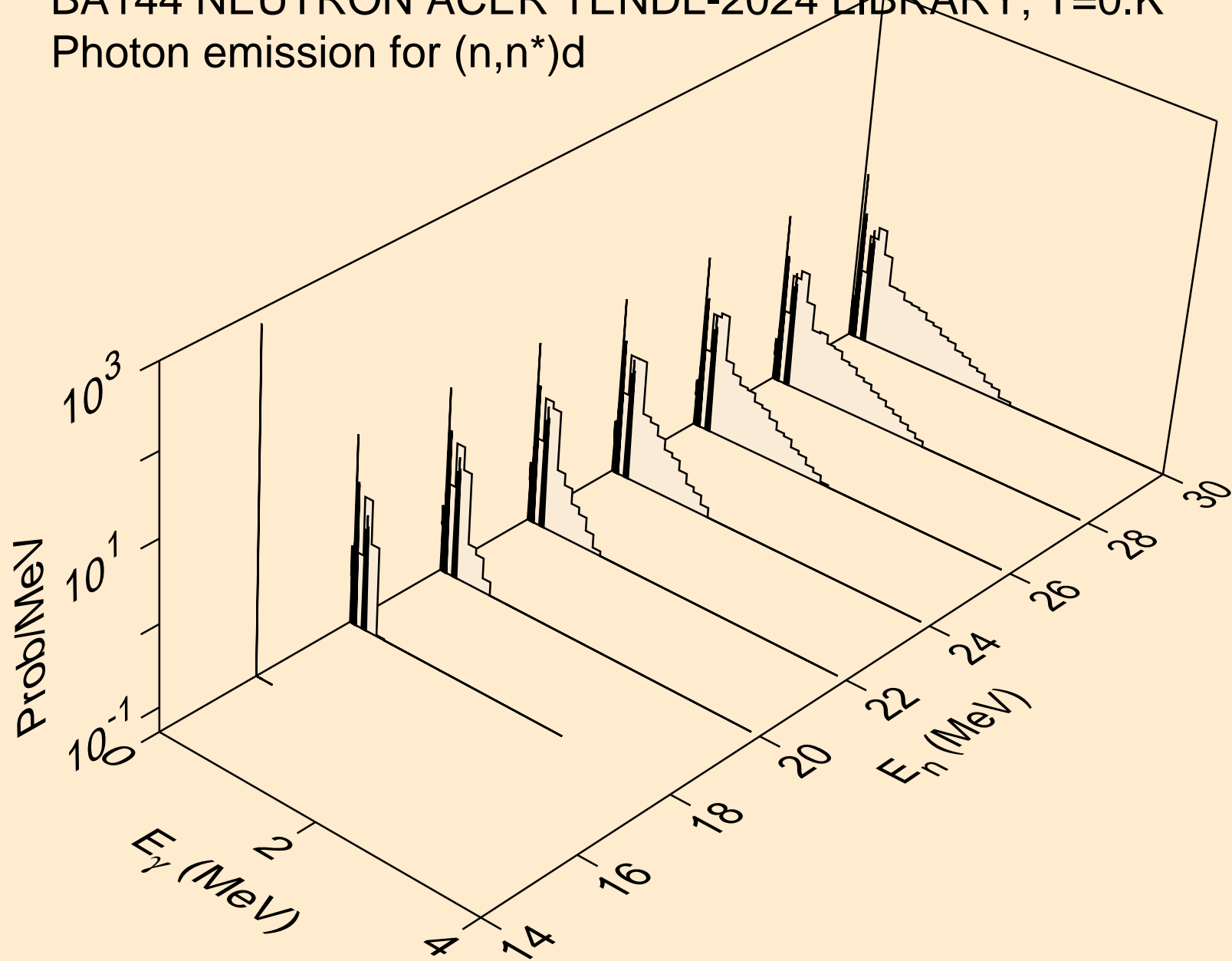
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



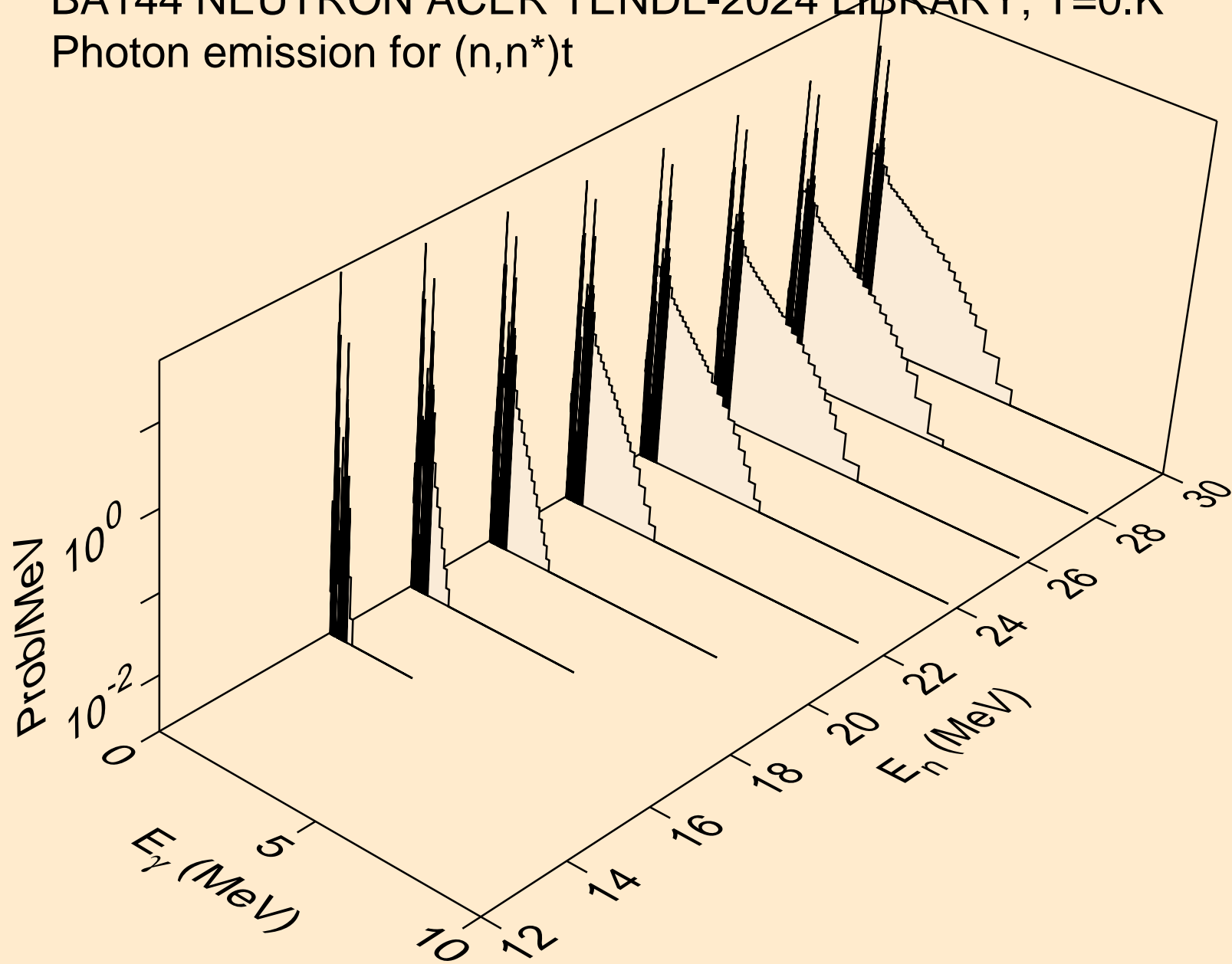
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



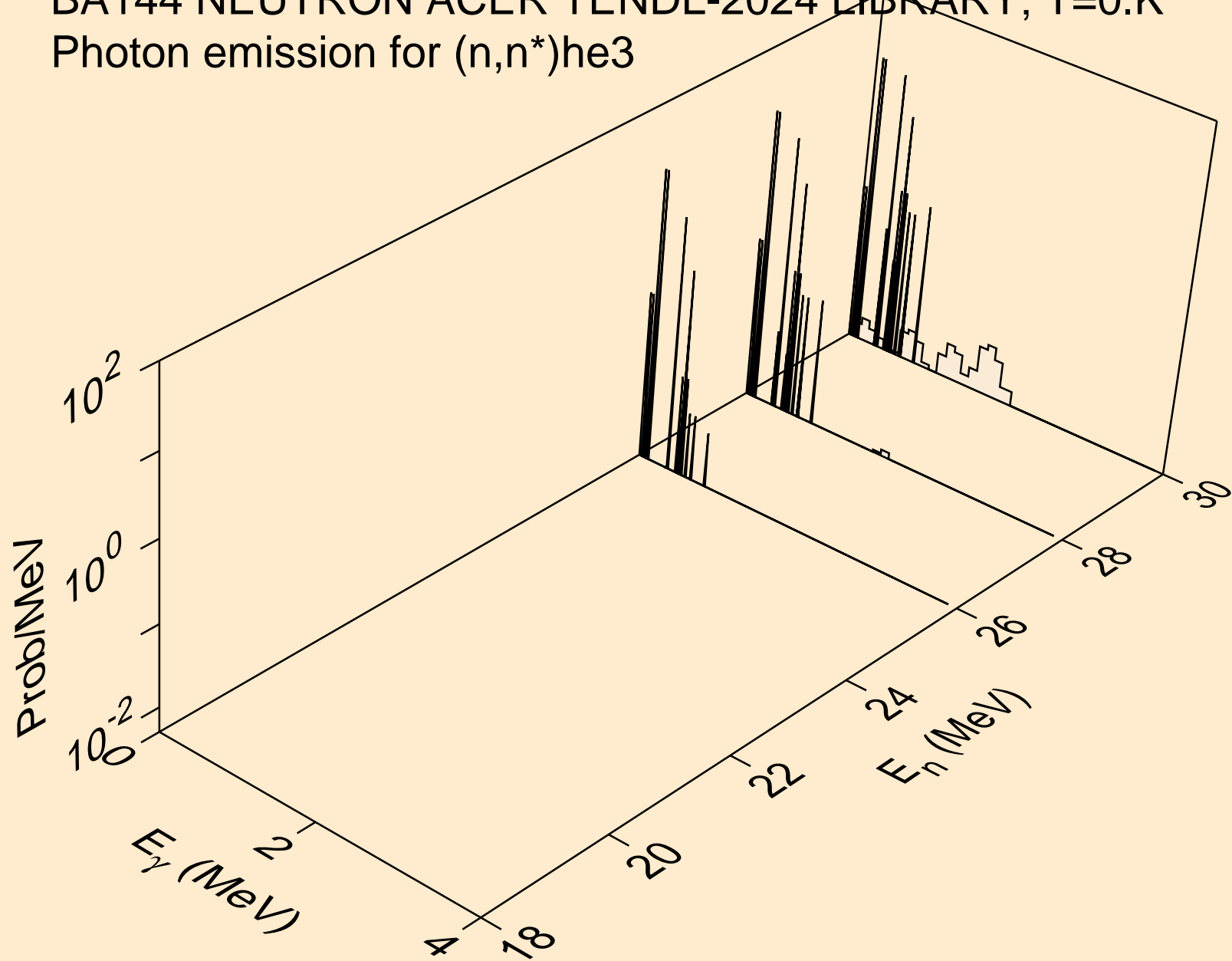
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



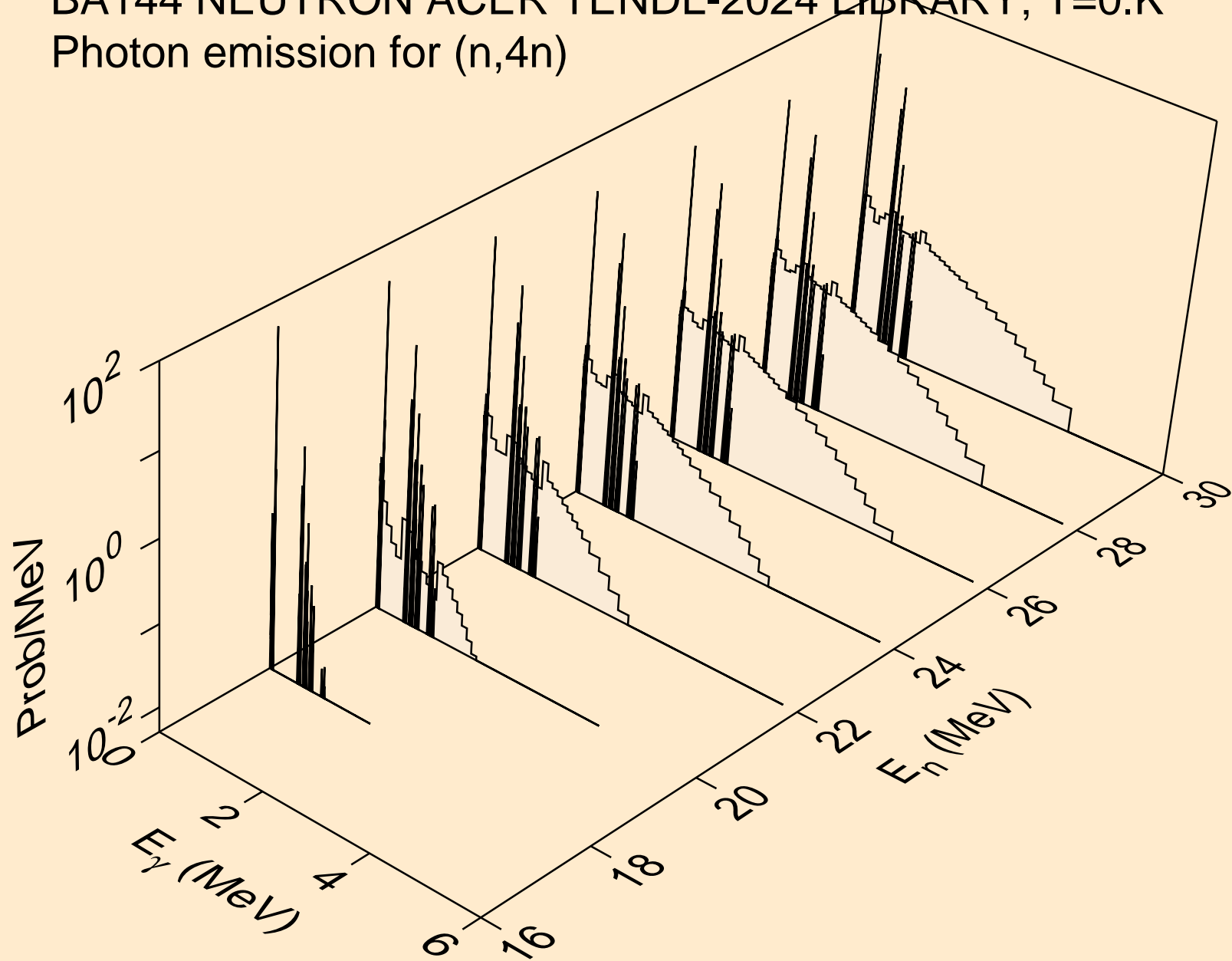
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



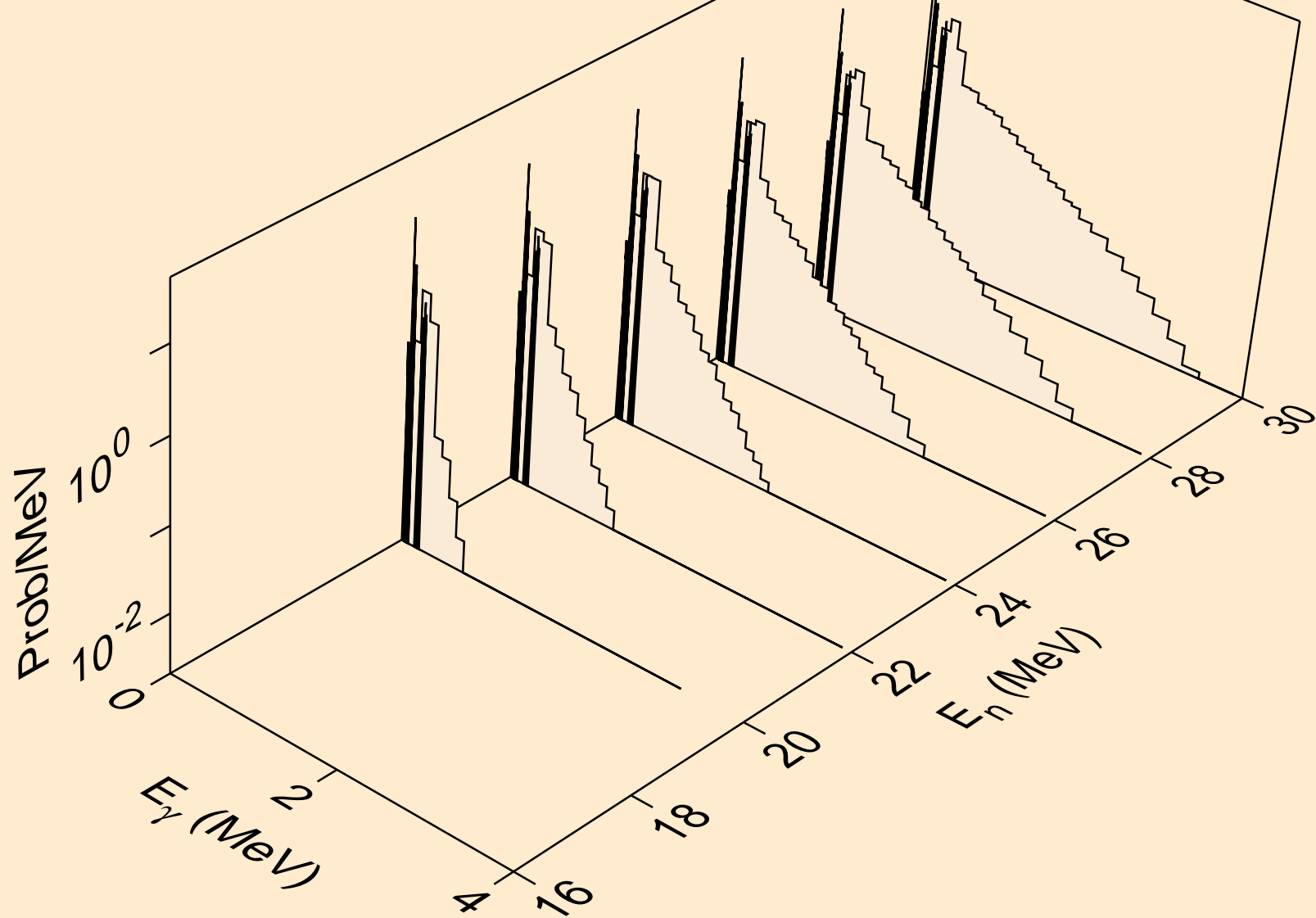
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



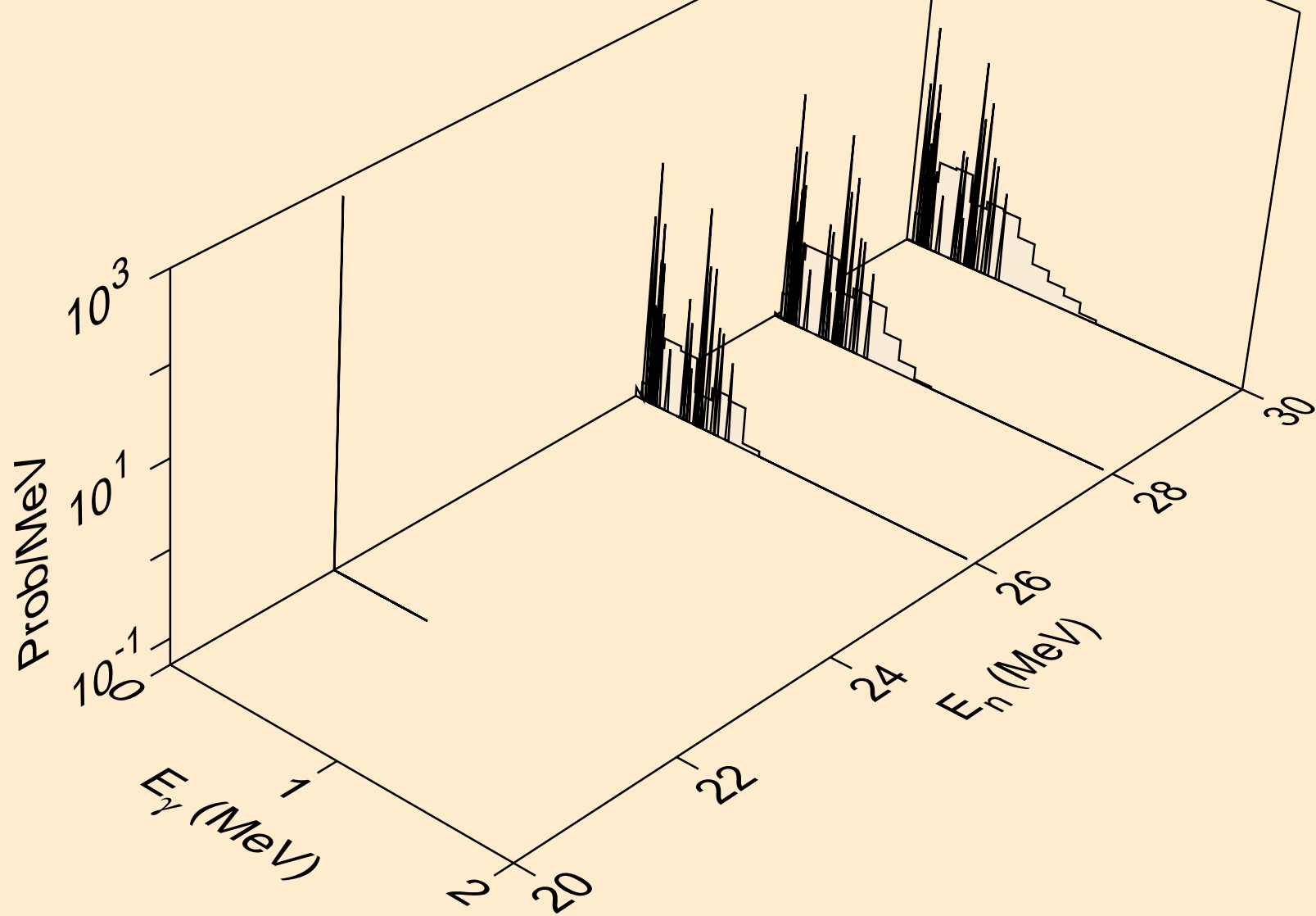
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

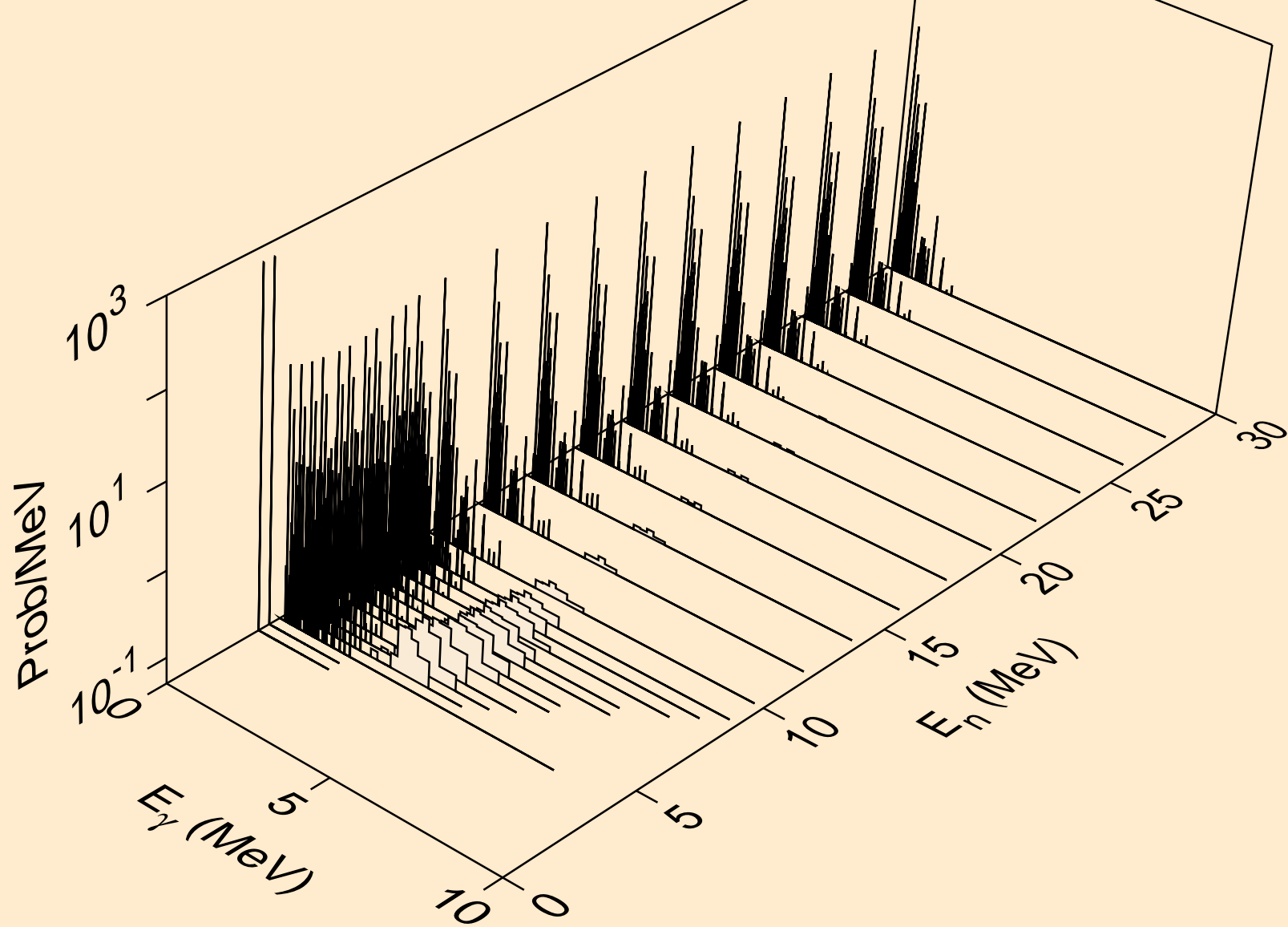


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

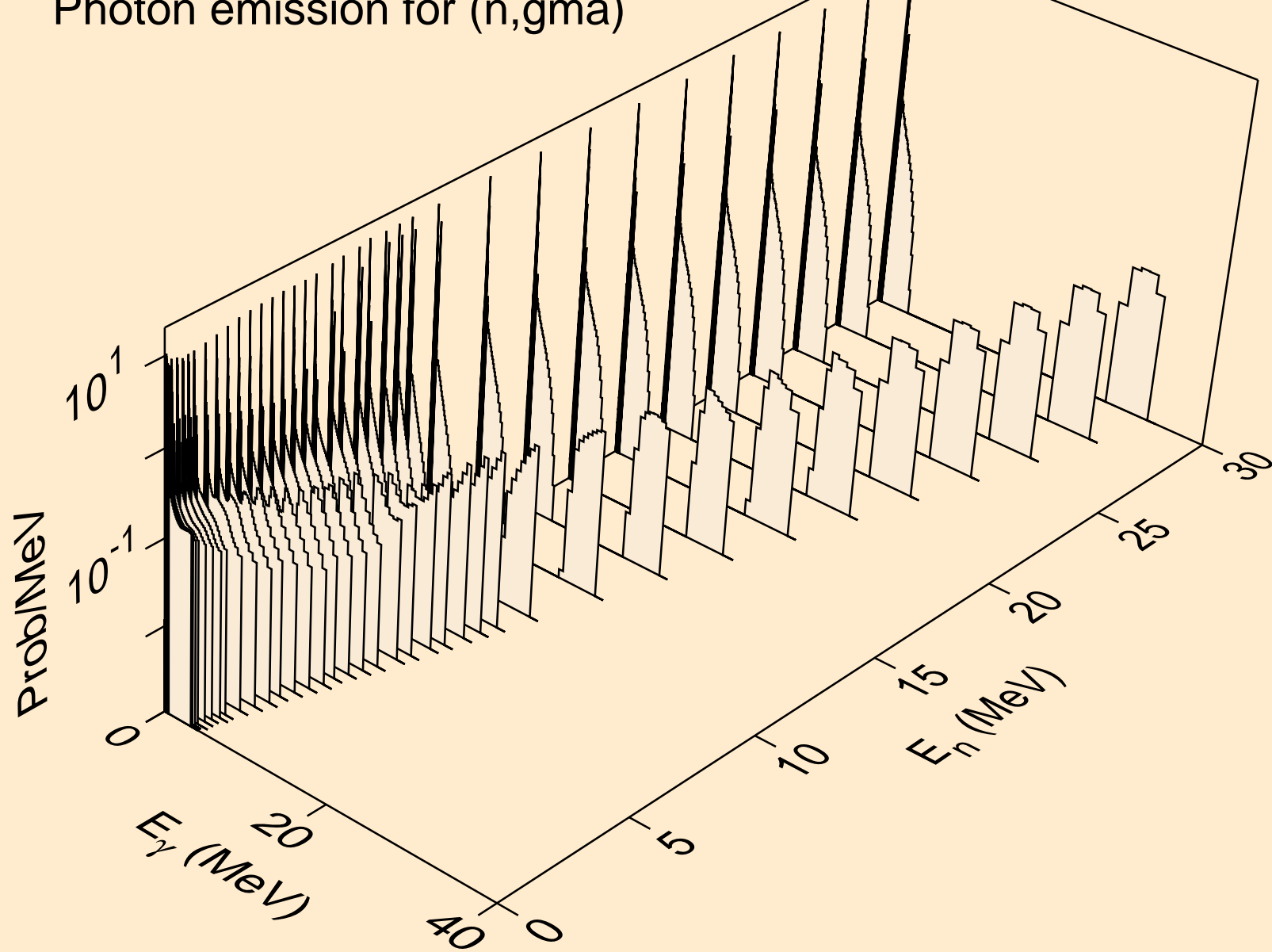




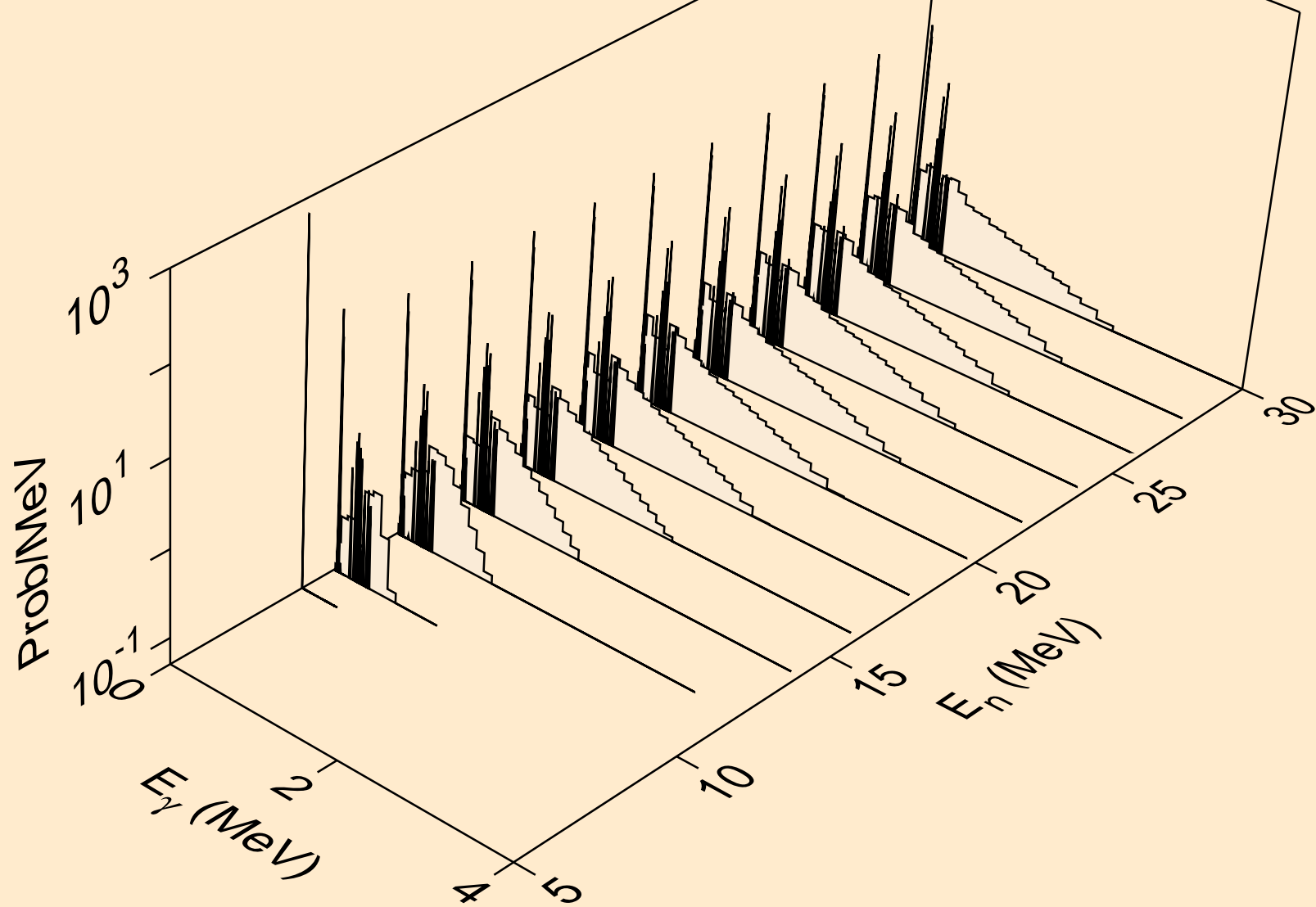
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



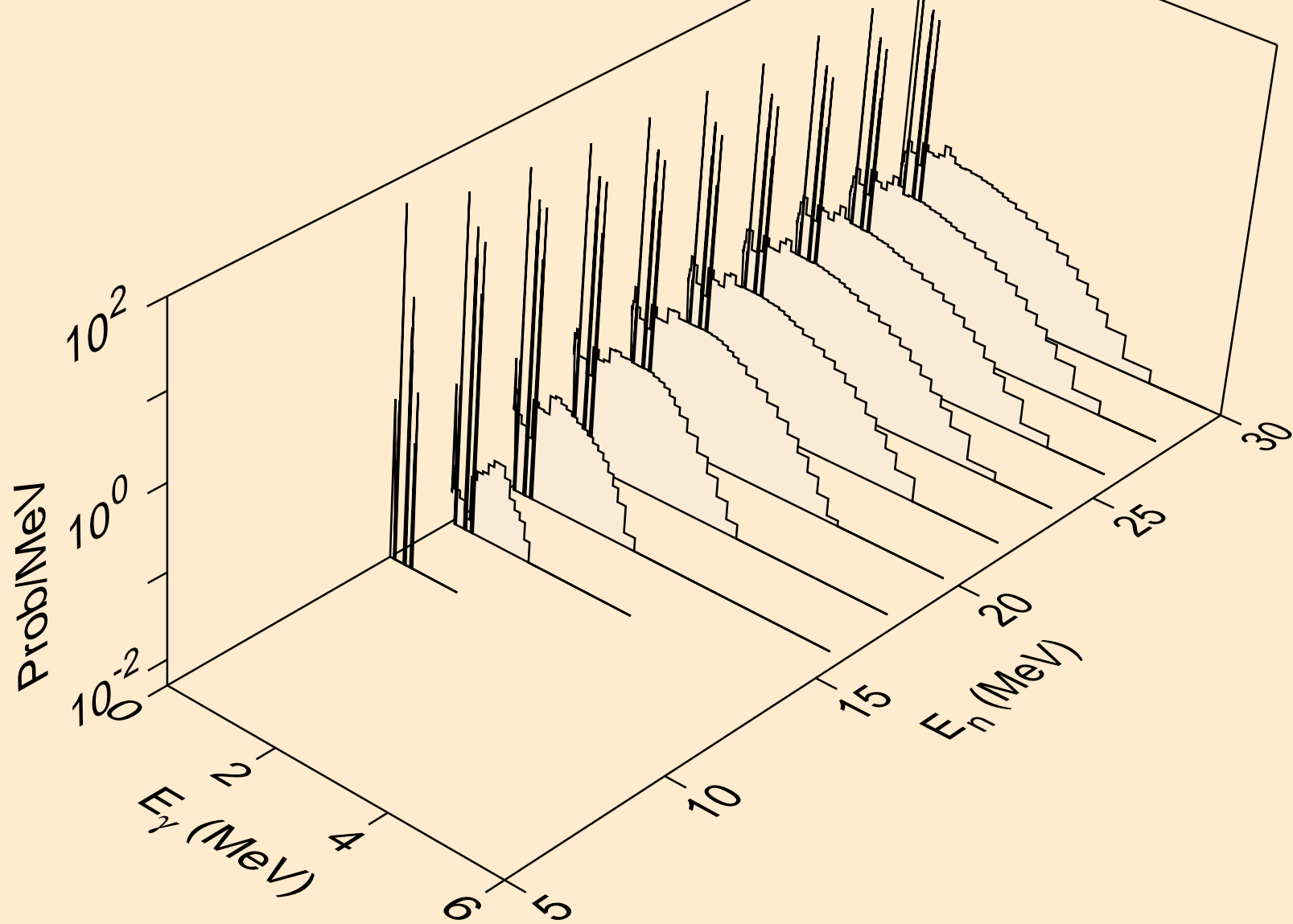
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



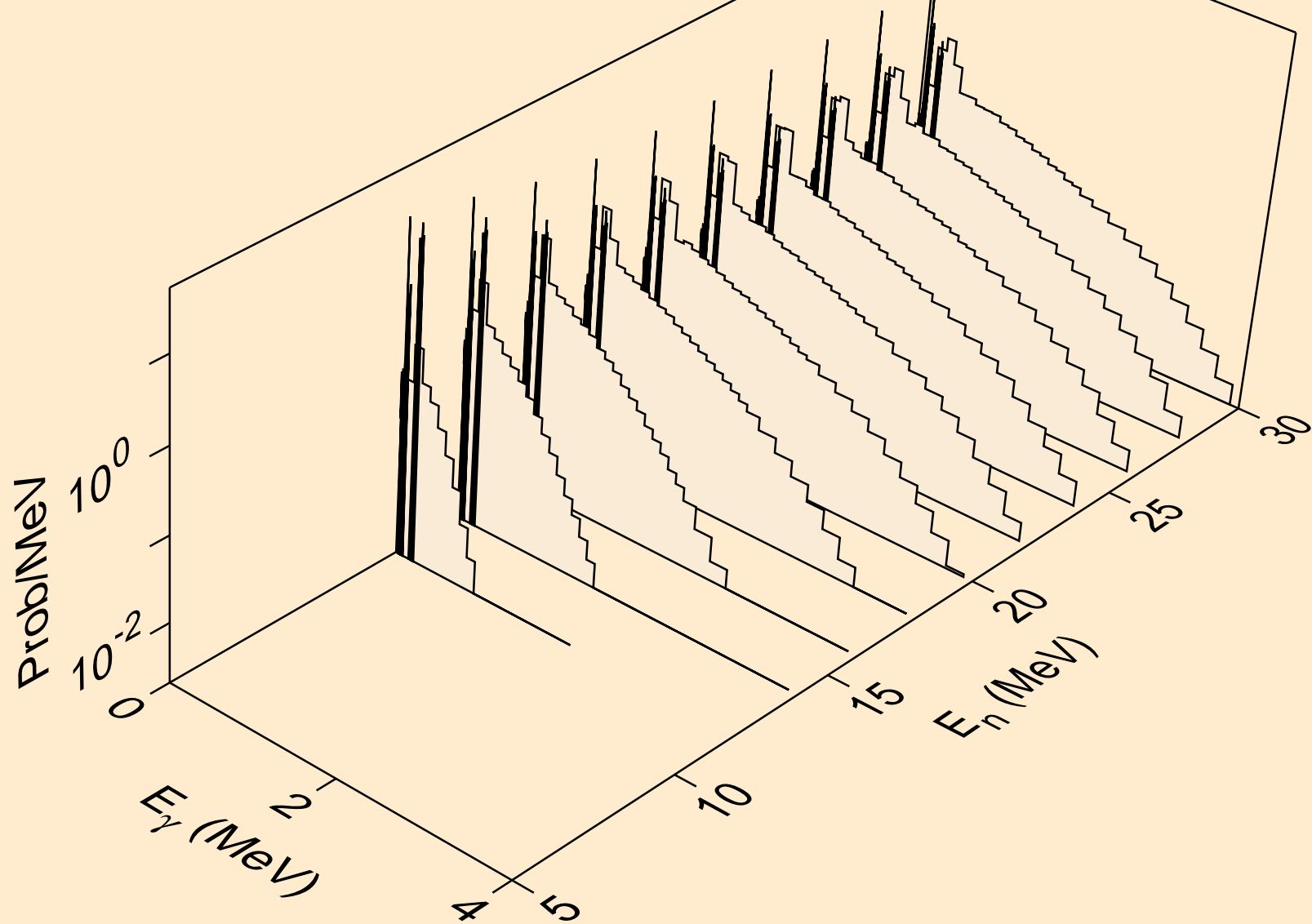
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



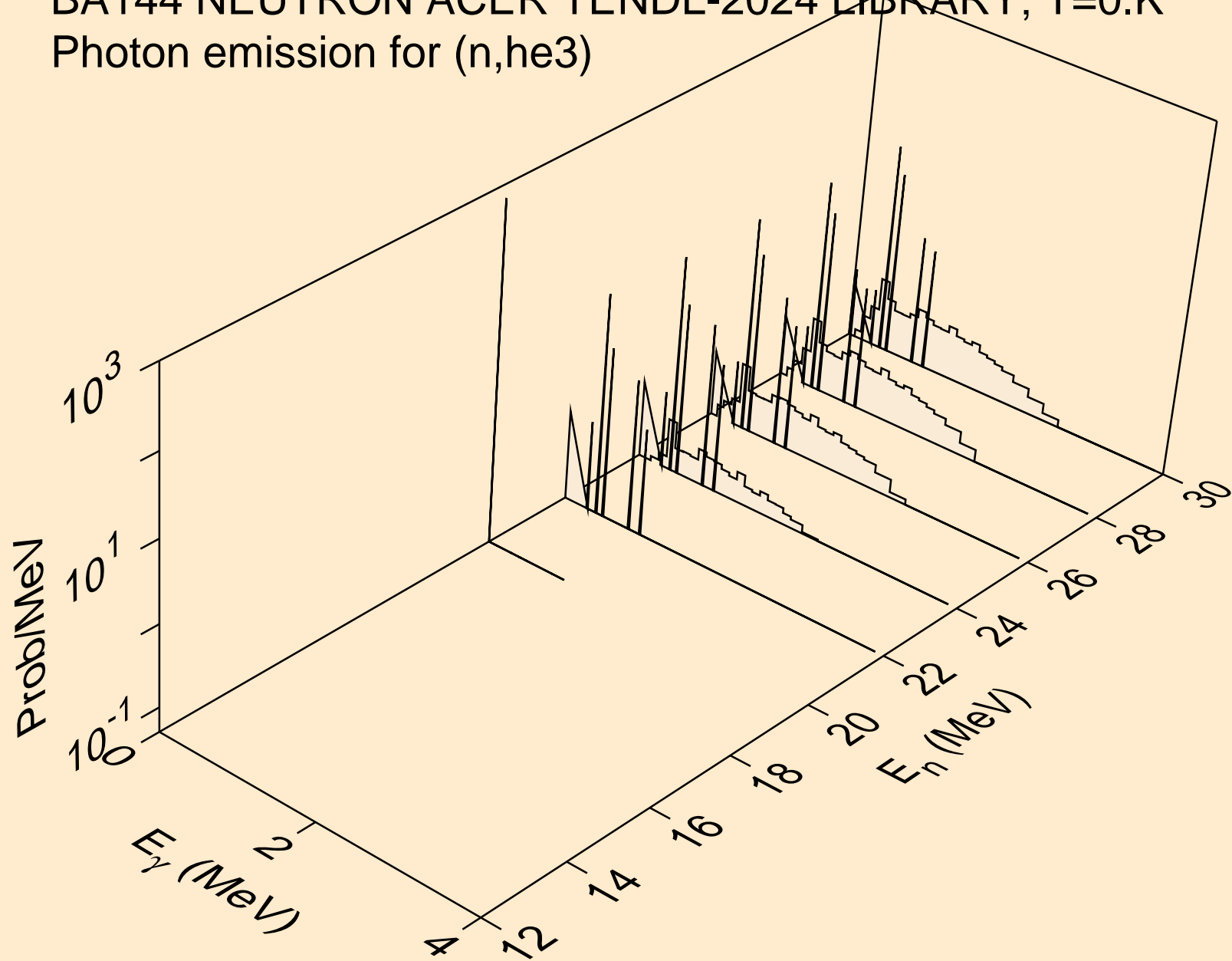
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



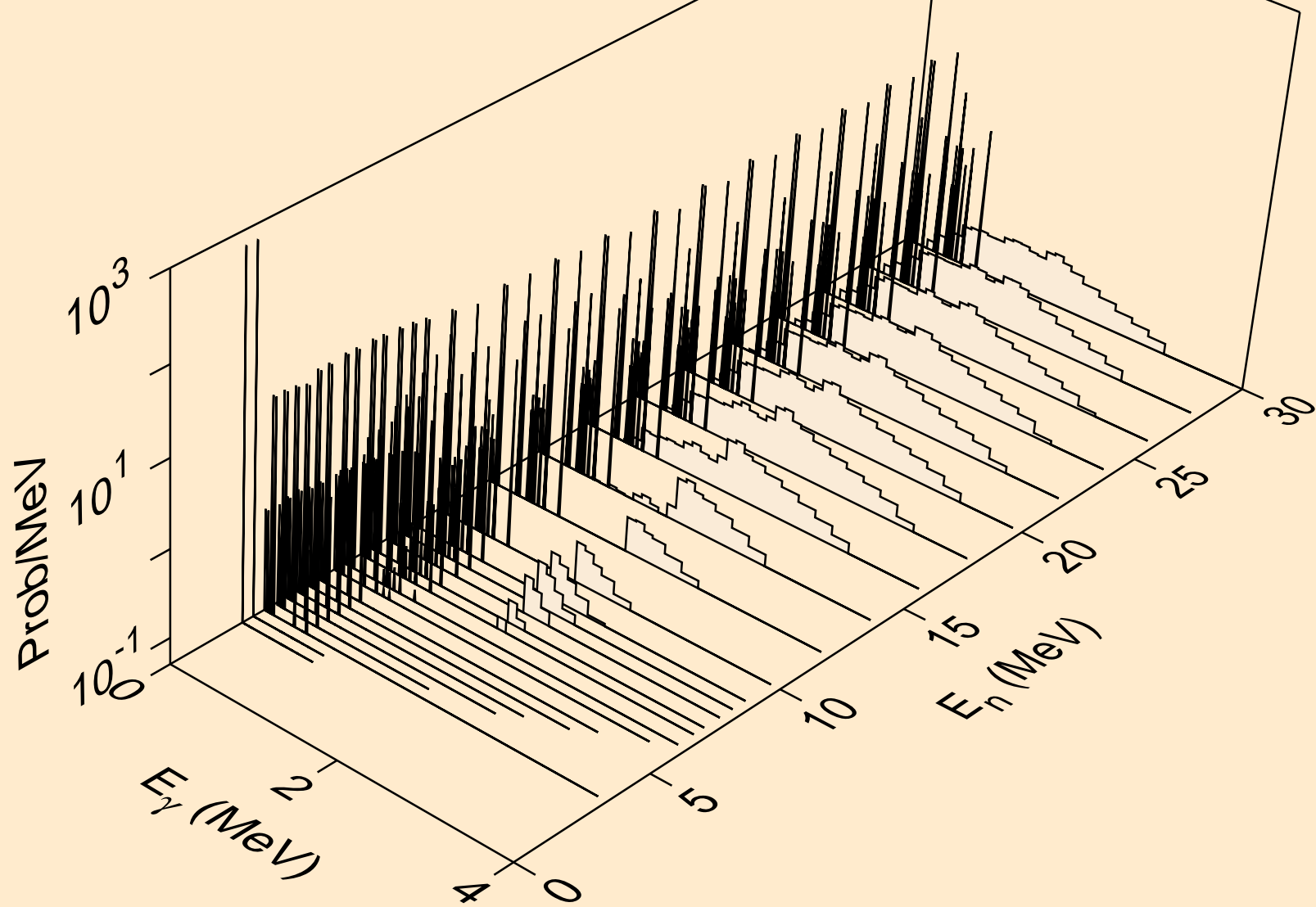
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



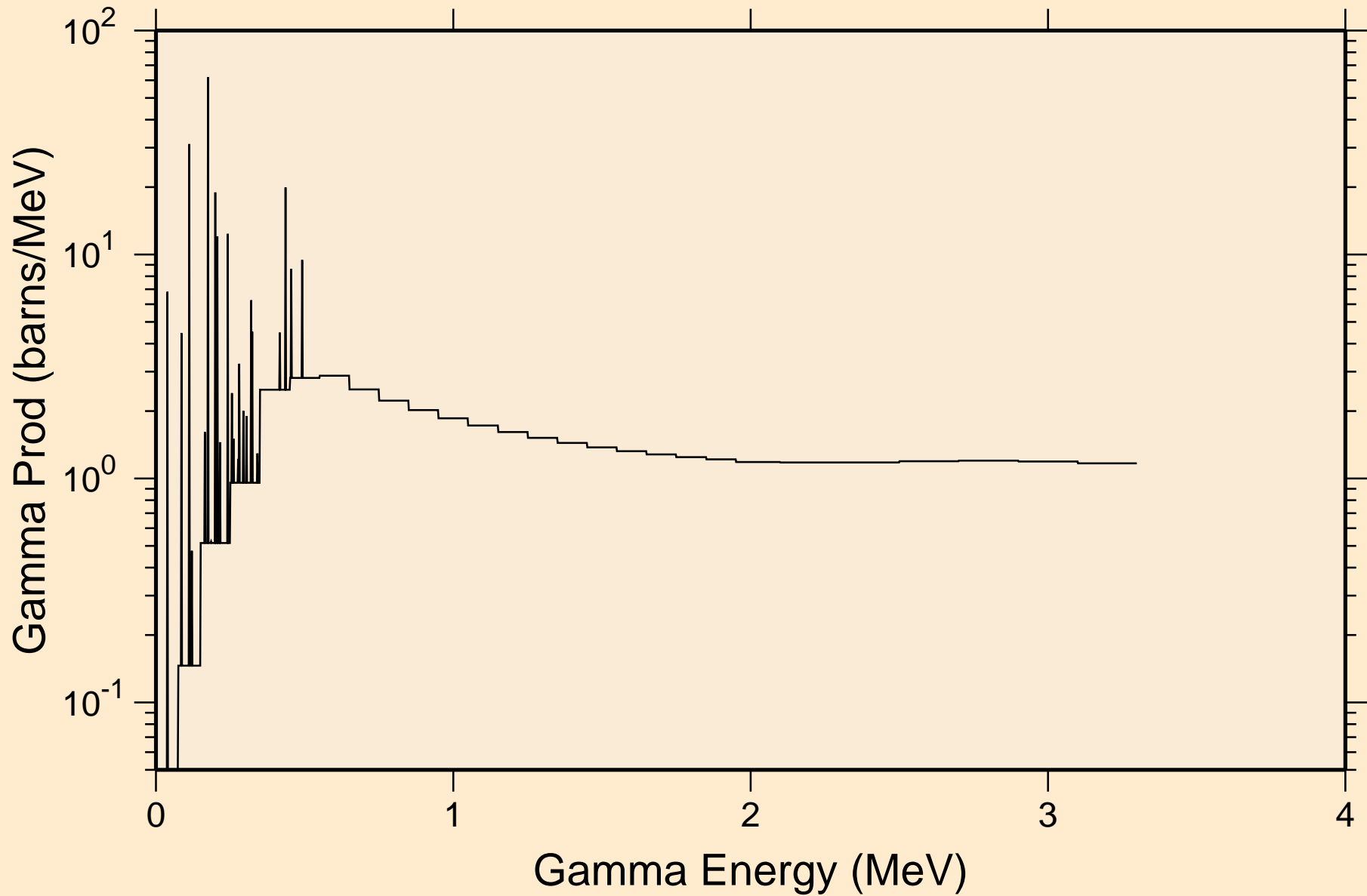
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

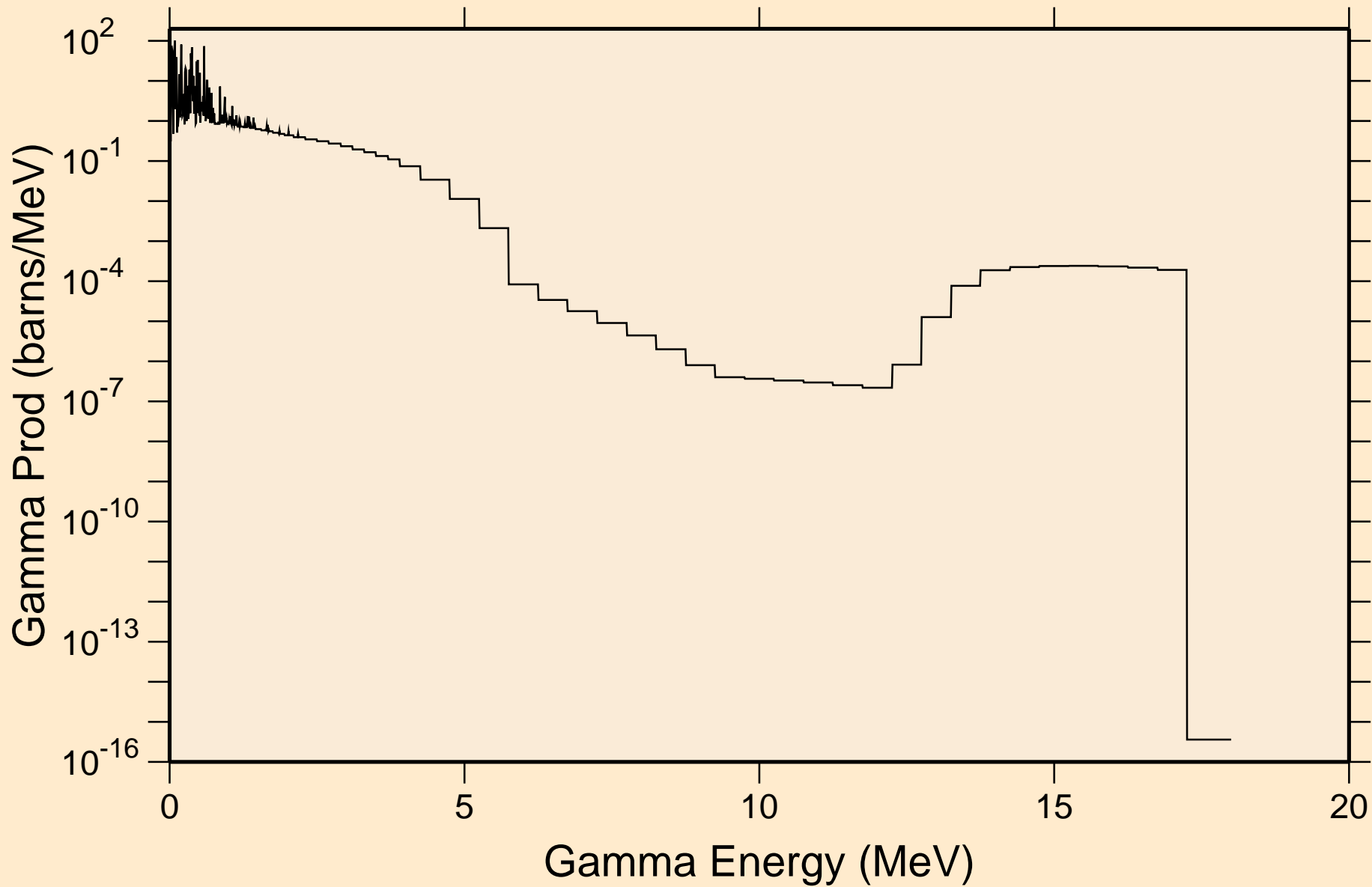


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



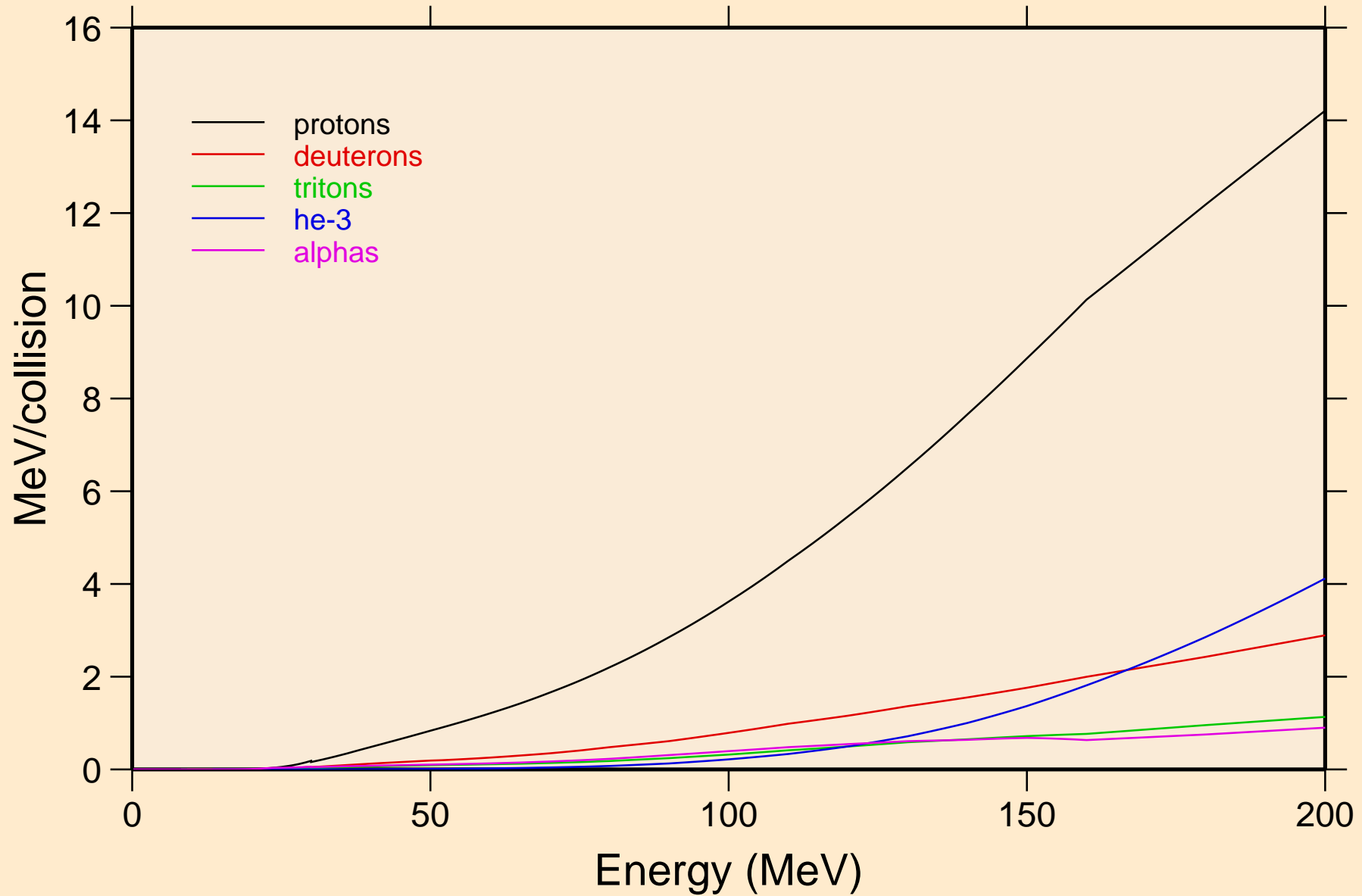


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

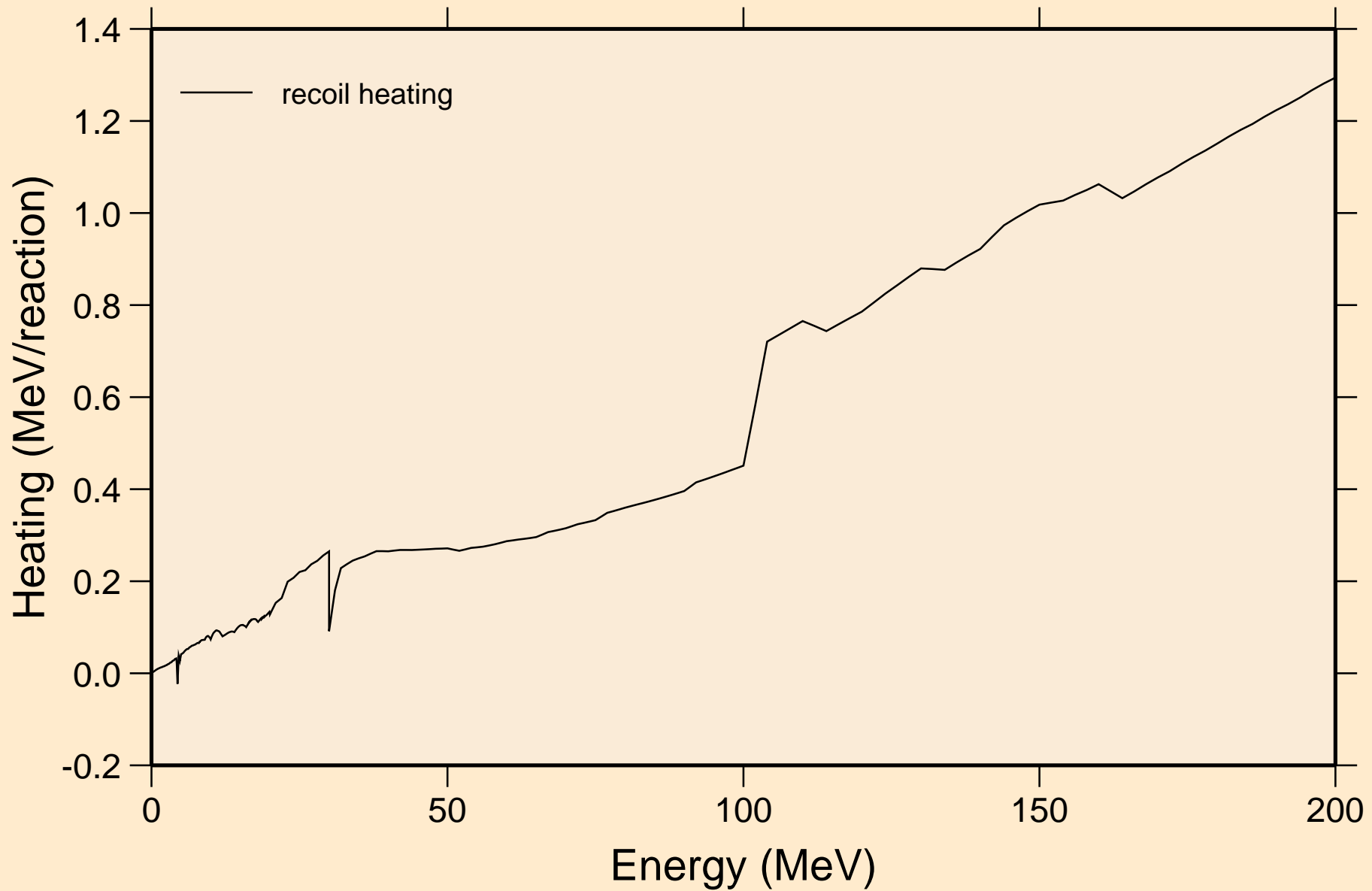


# BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

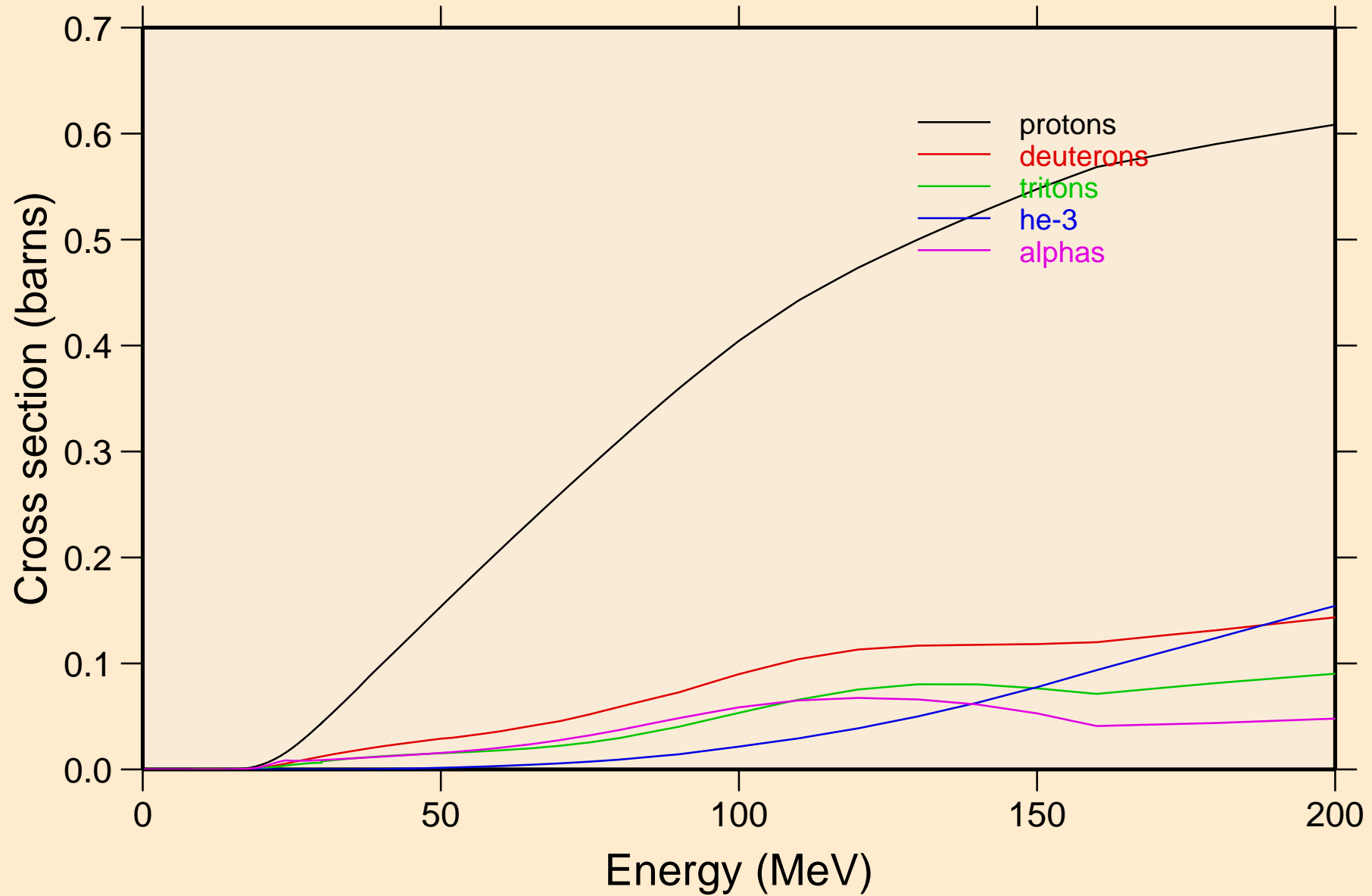
## Particle heating contributions



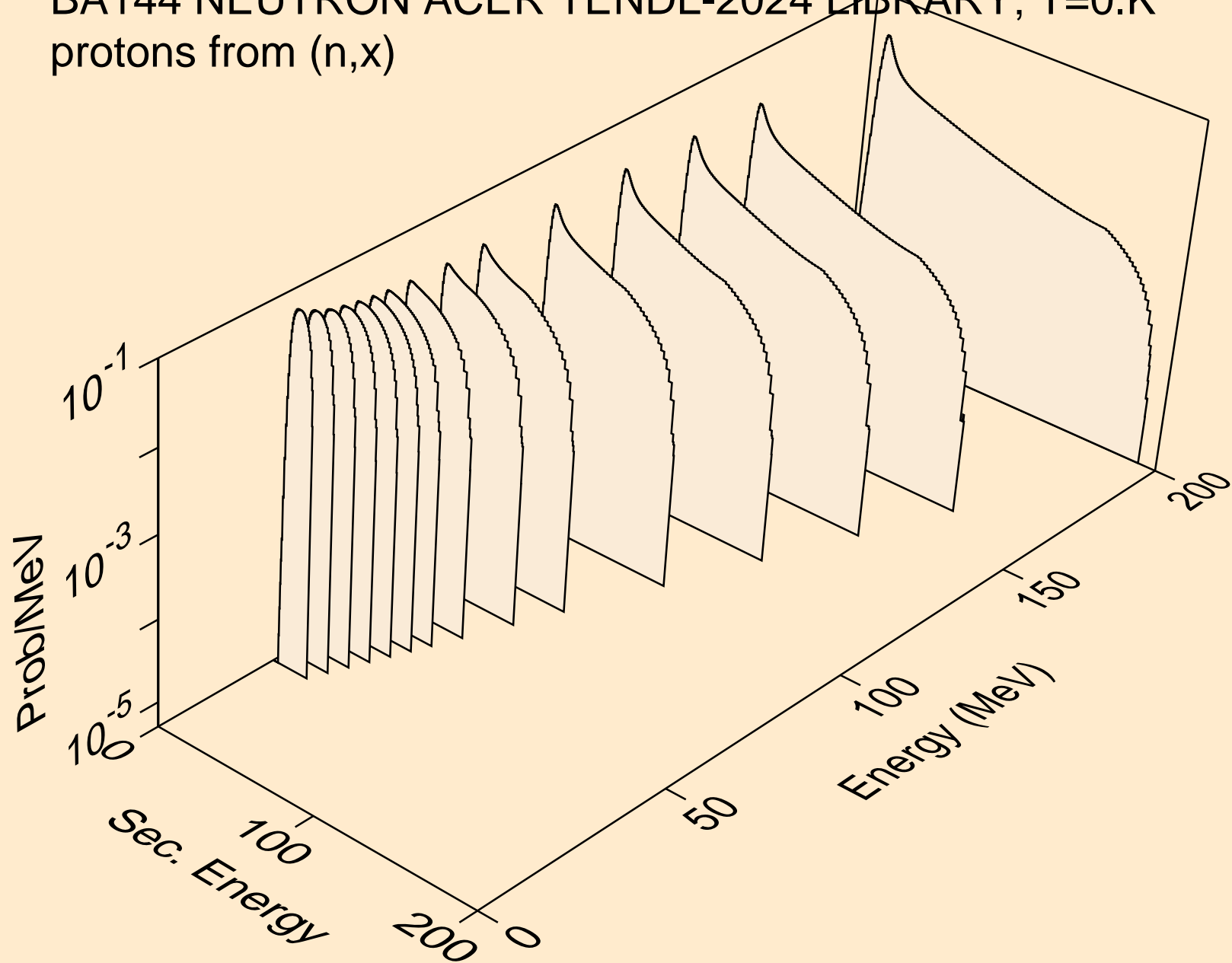
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



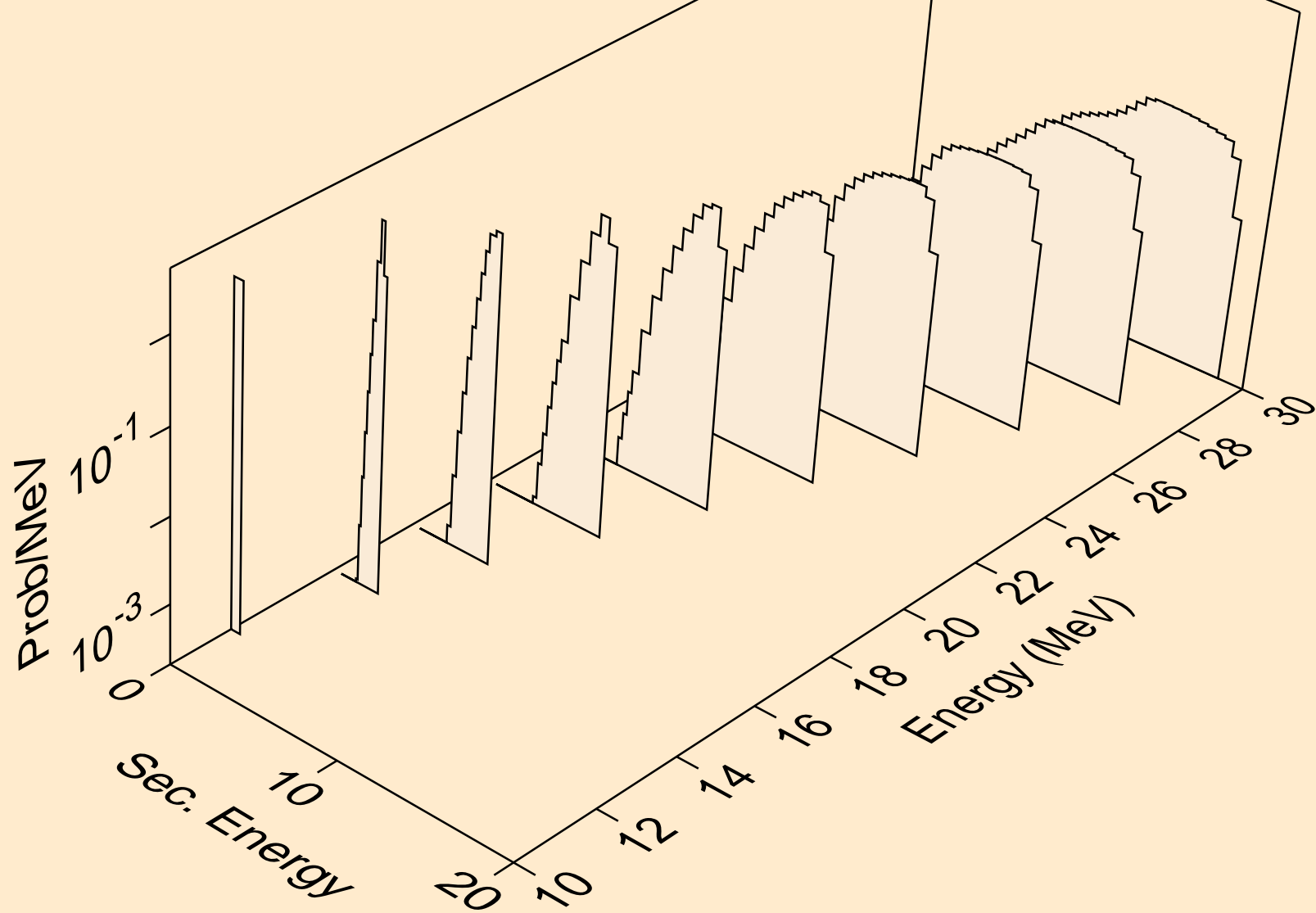
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



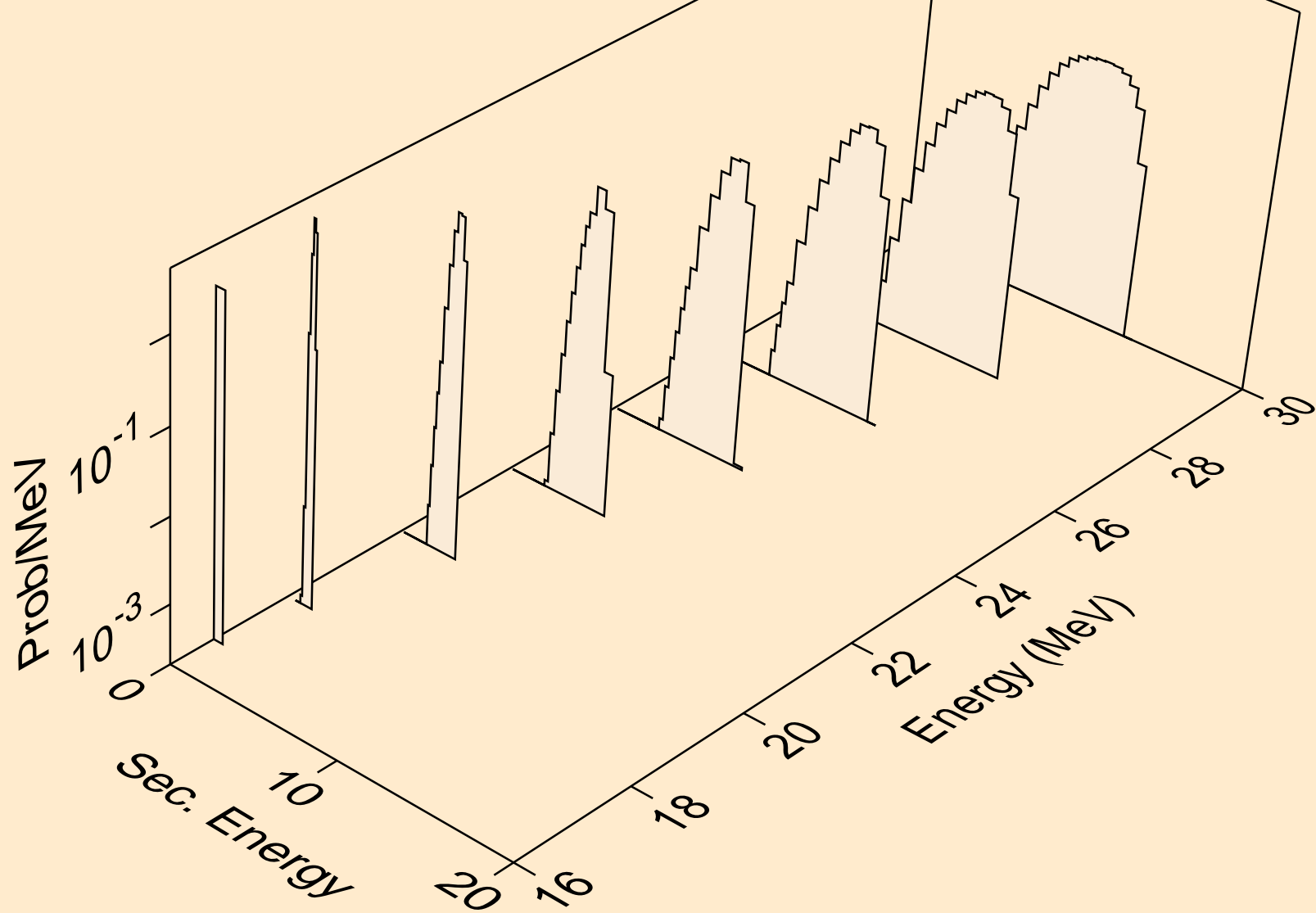
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



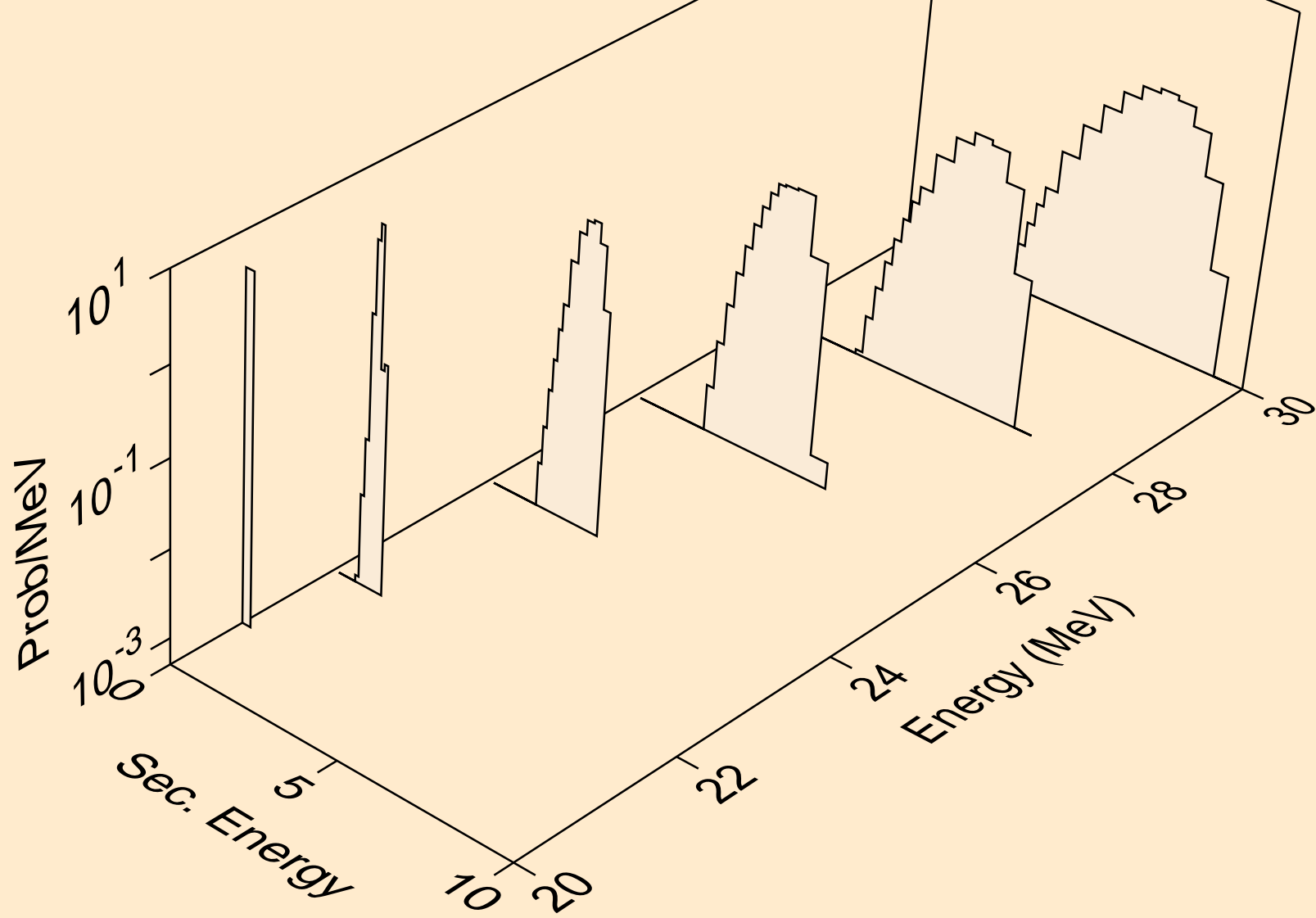
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

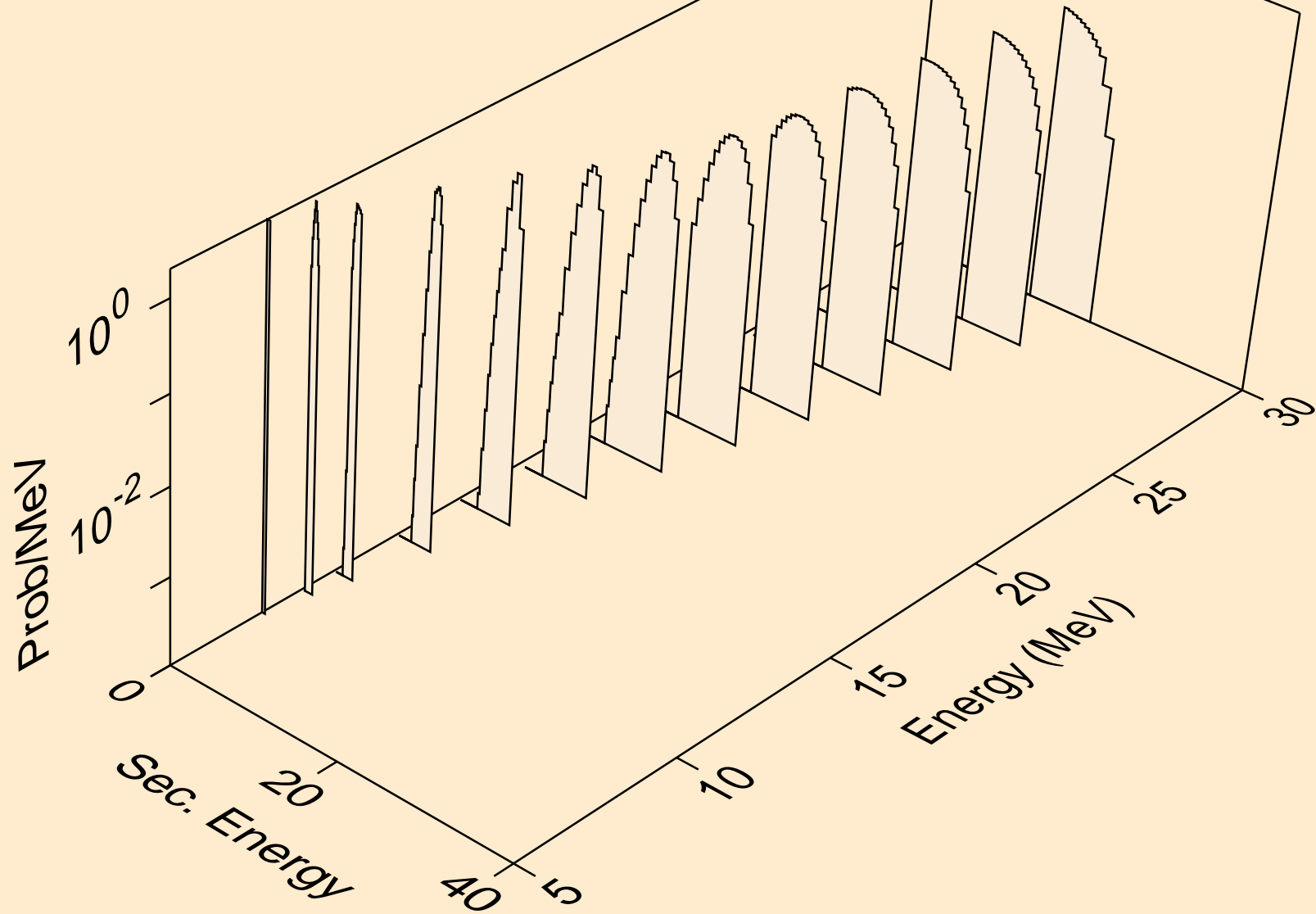


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

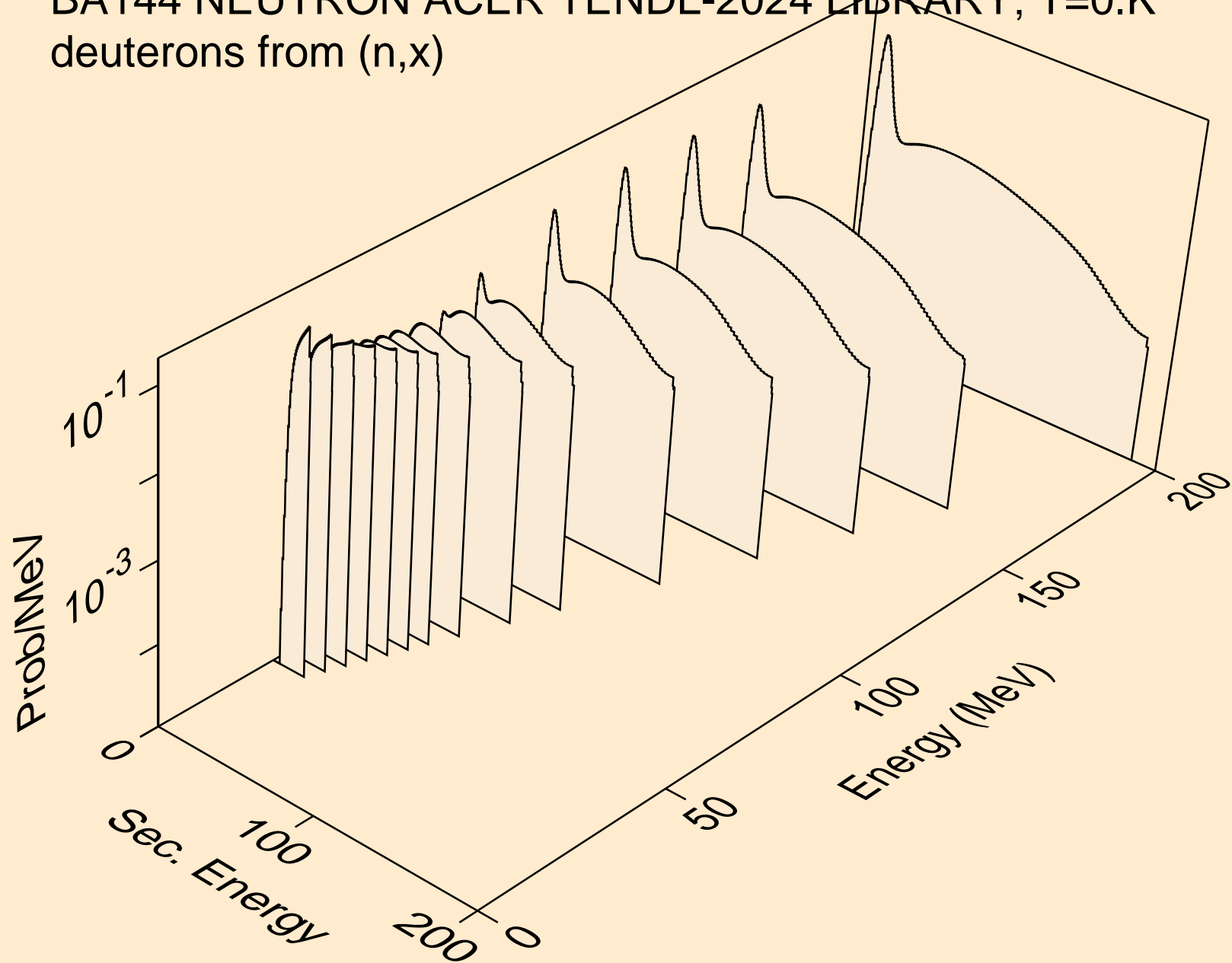




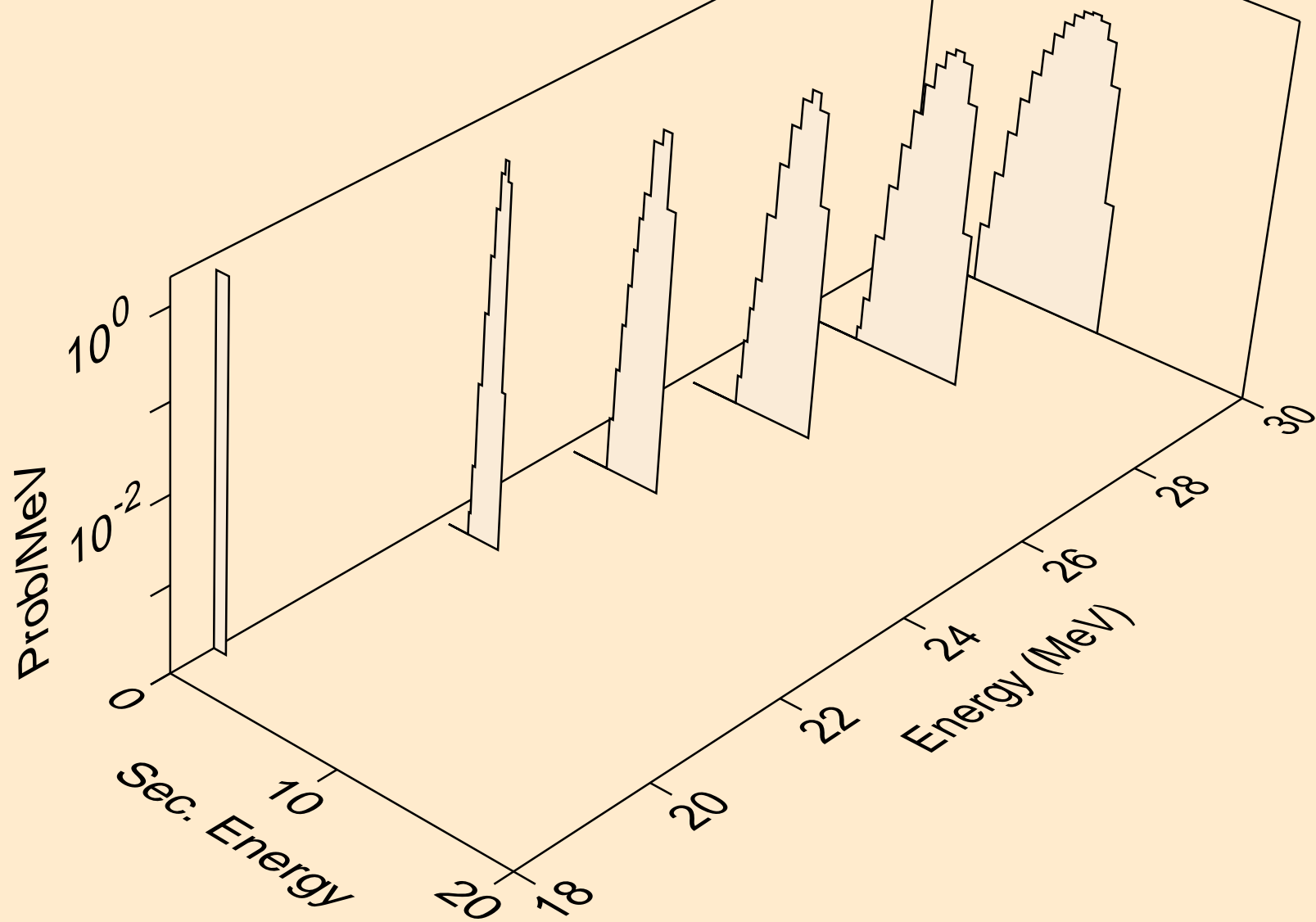
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



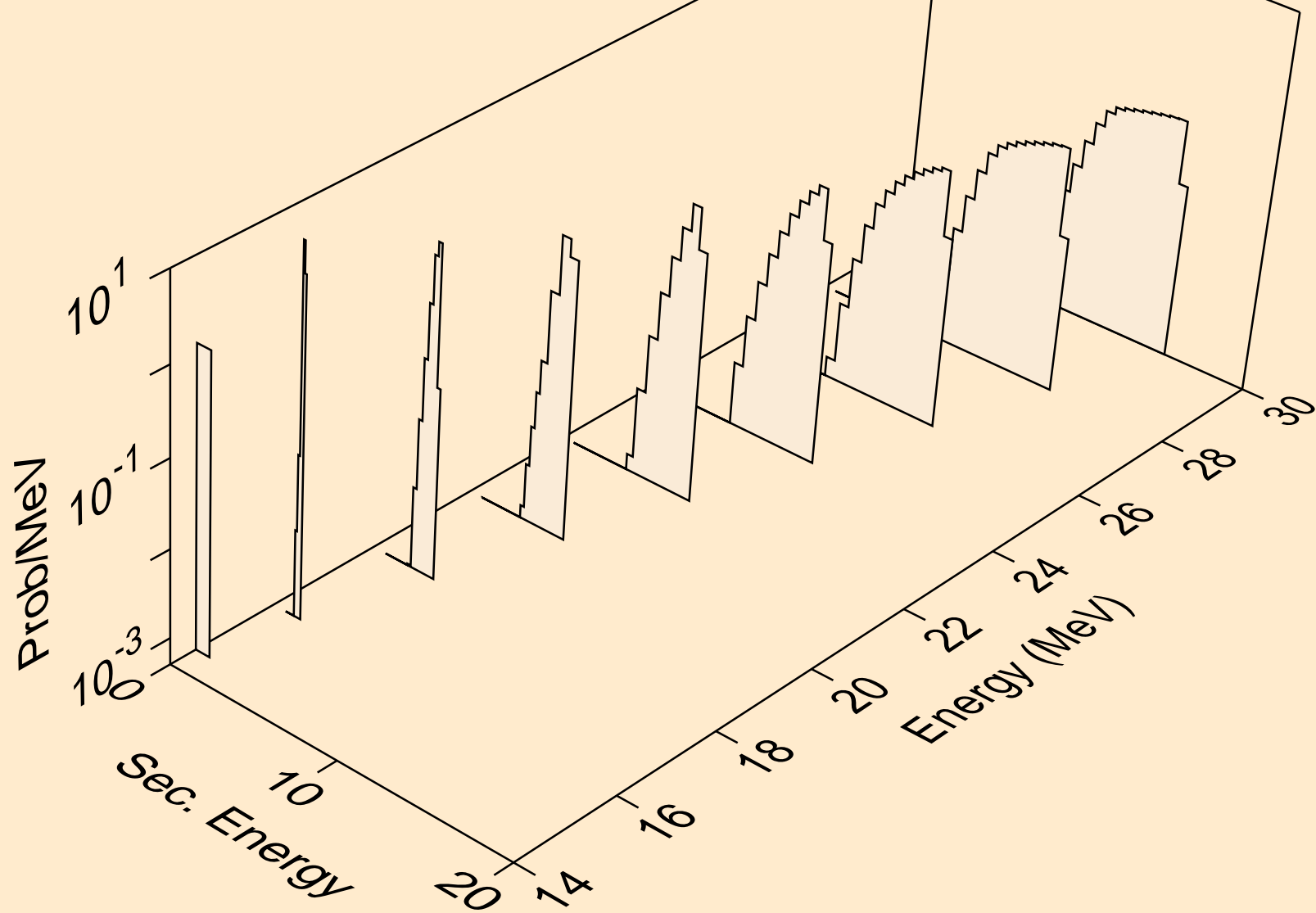
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



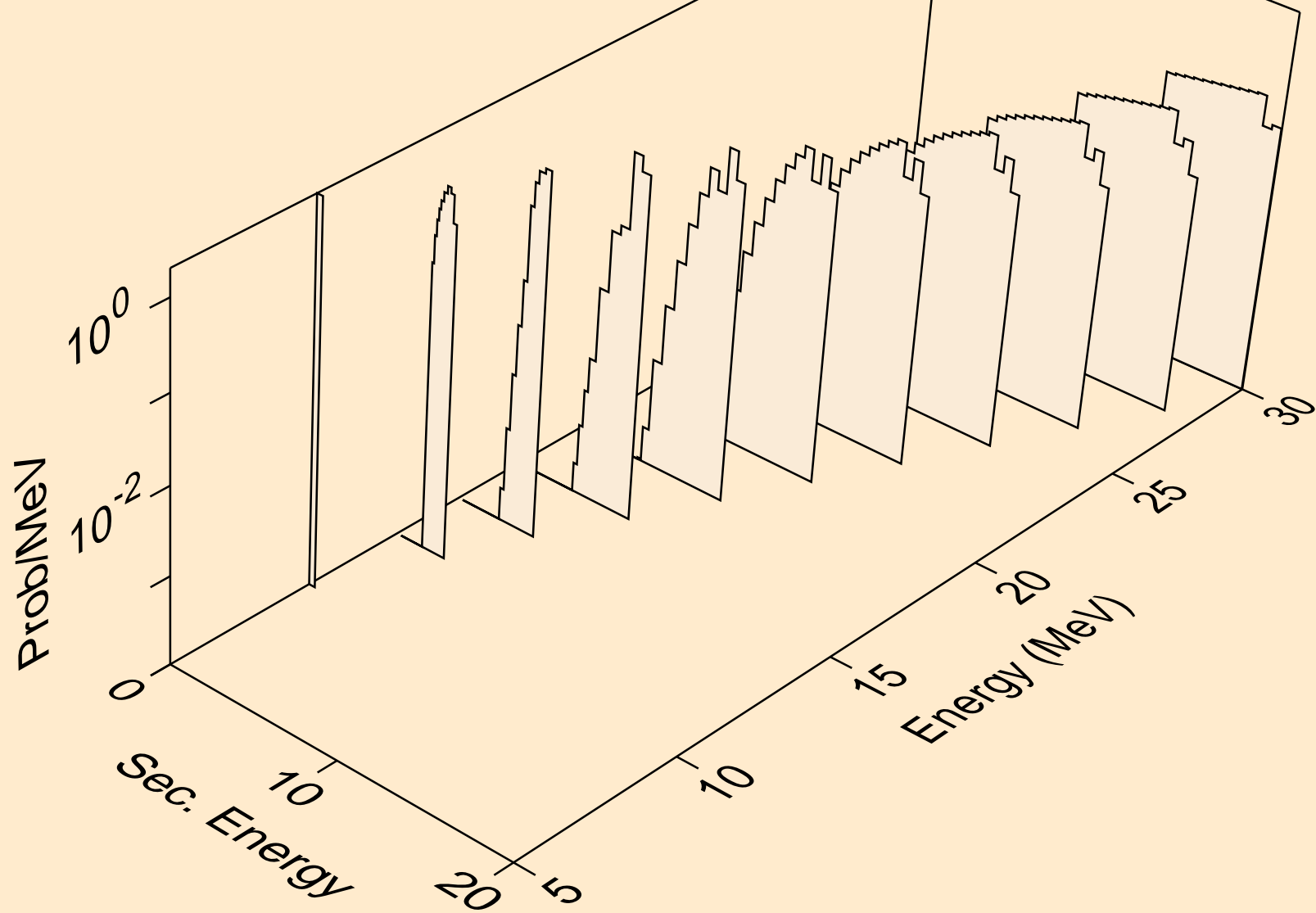
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



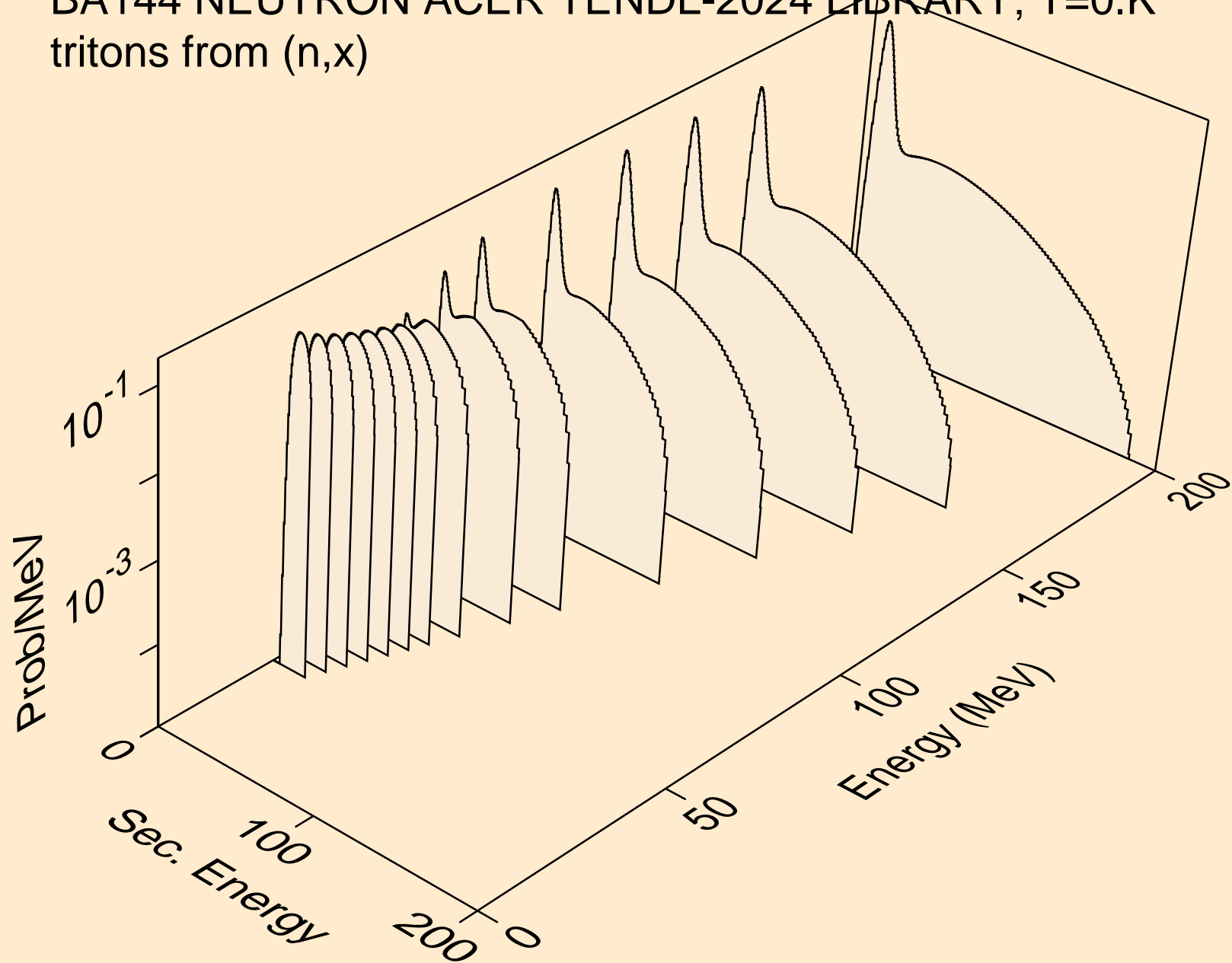
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



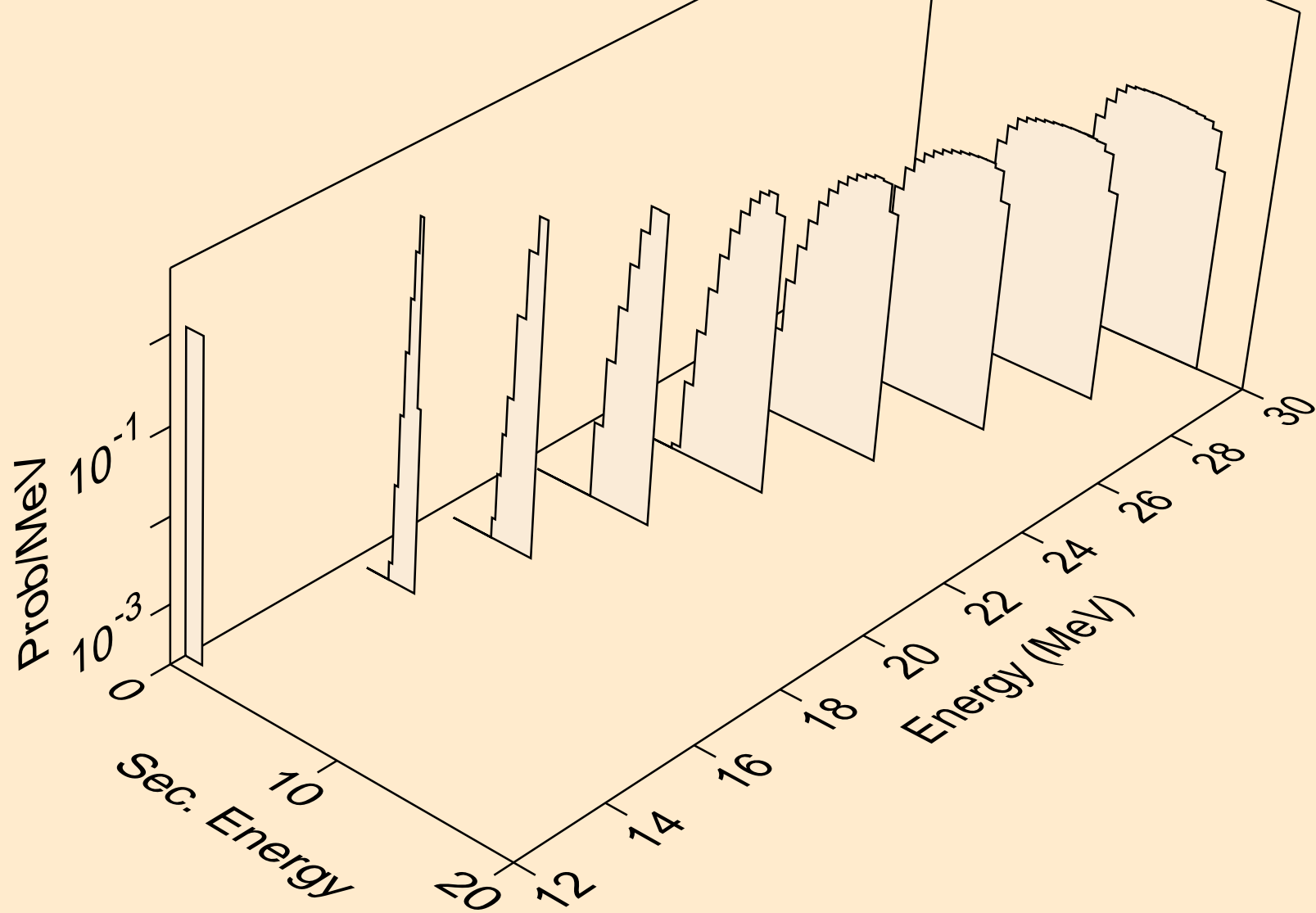
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



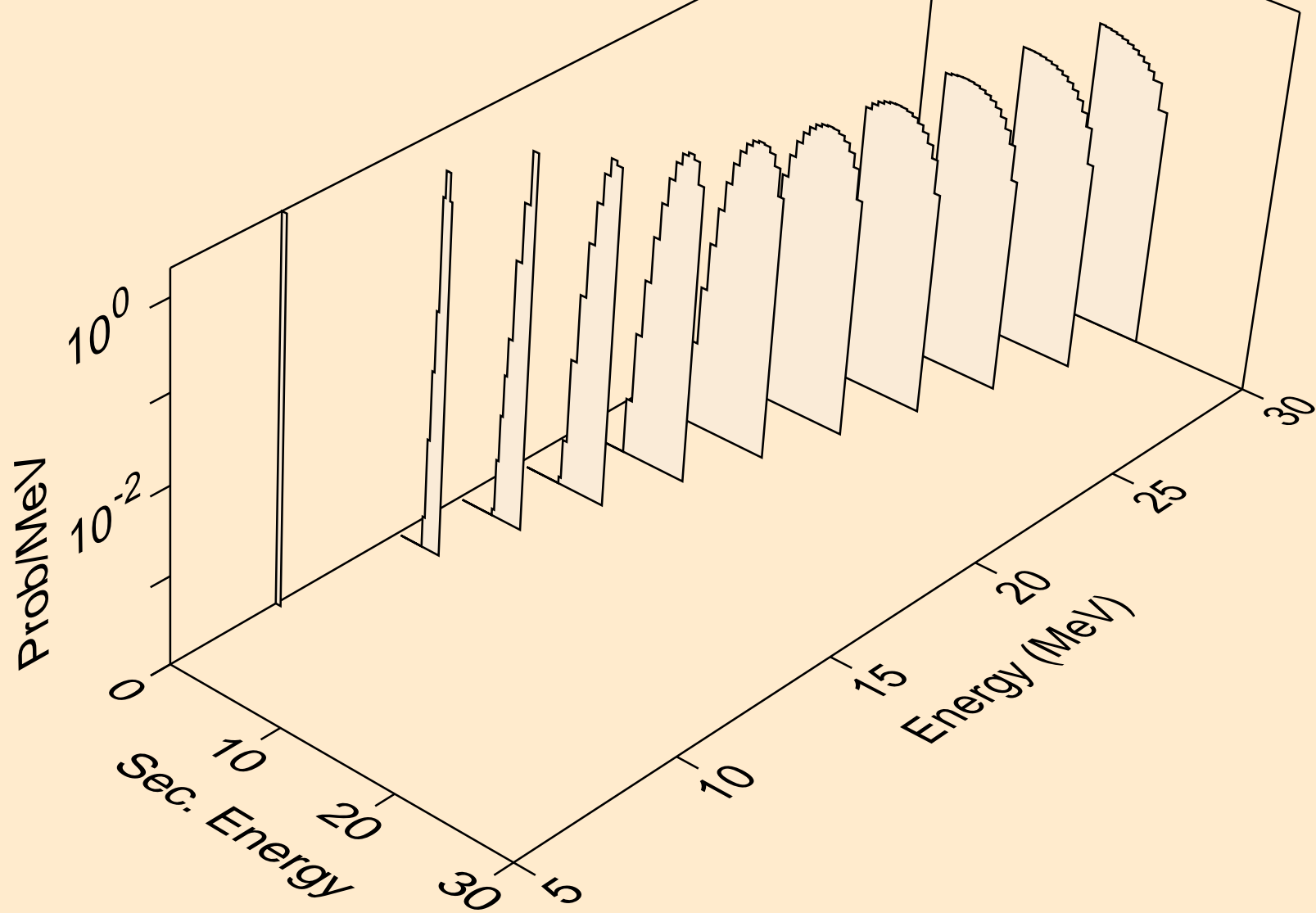
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

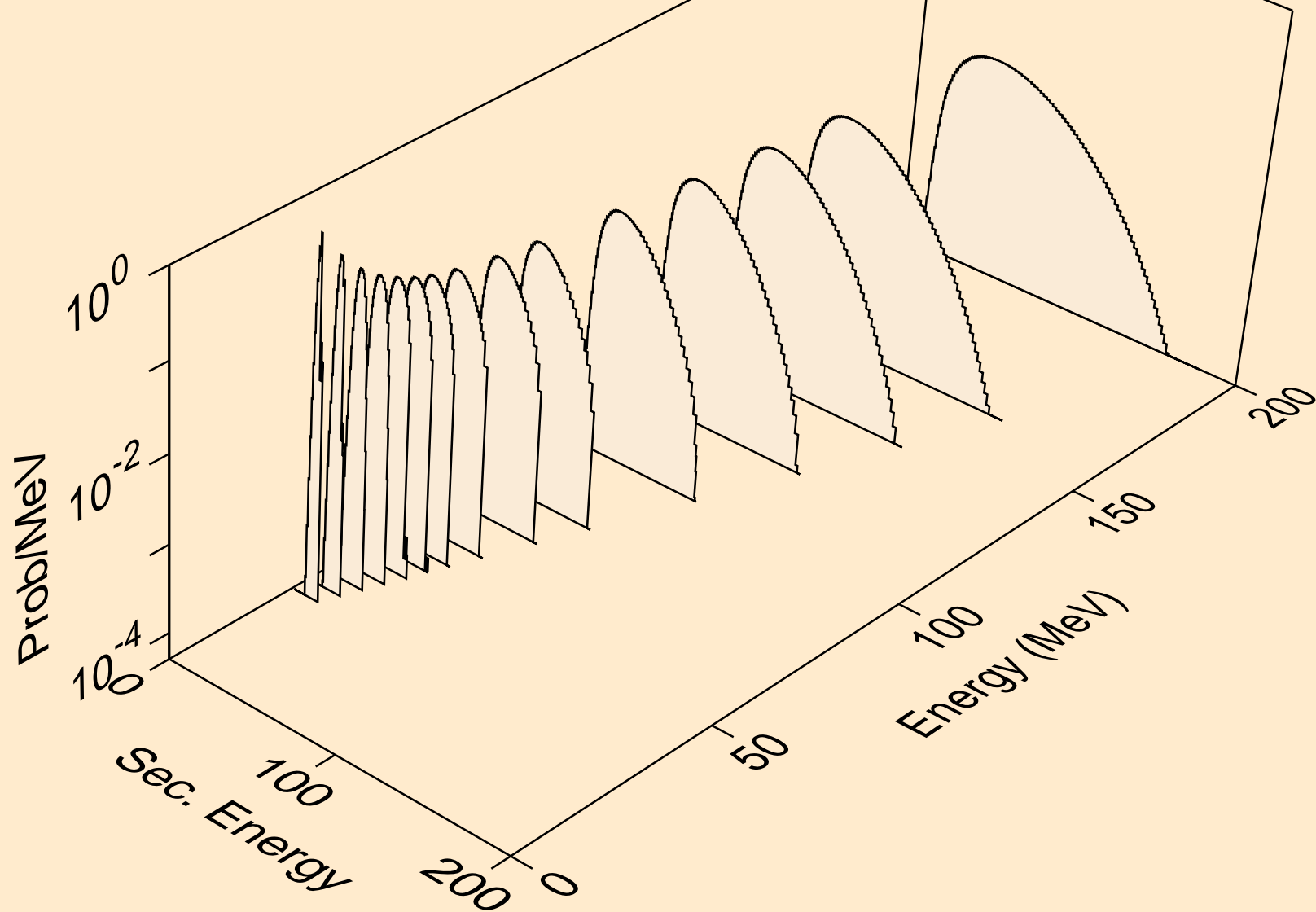


BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

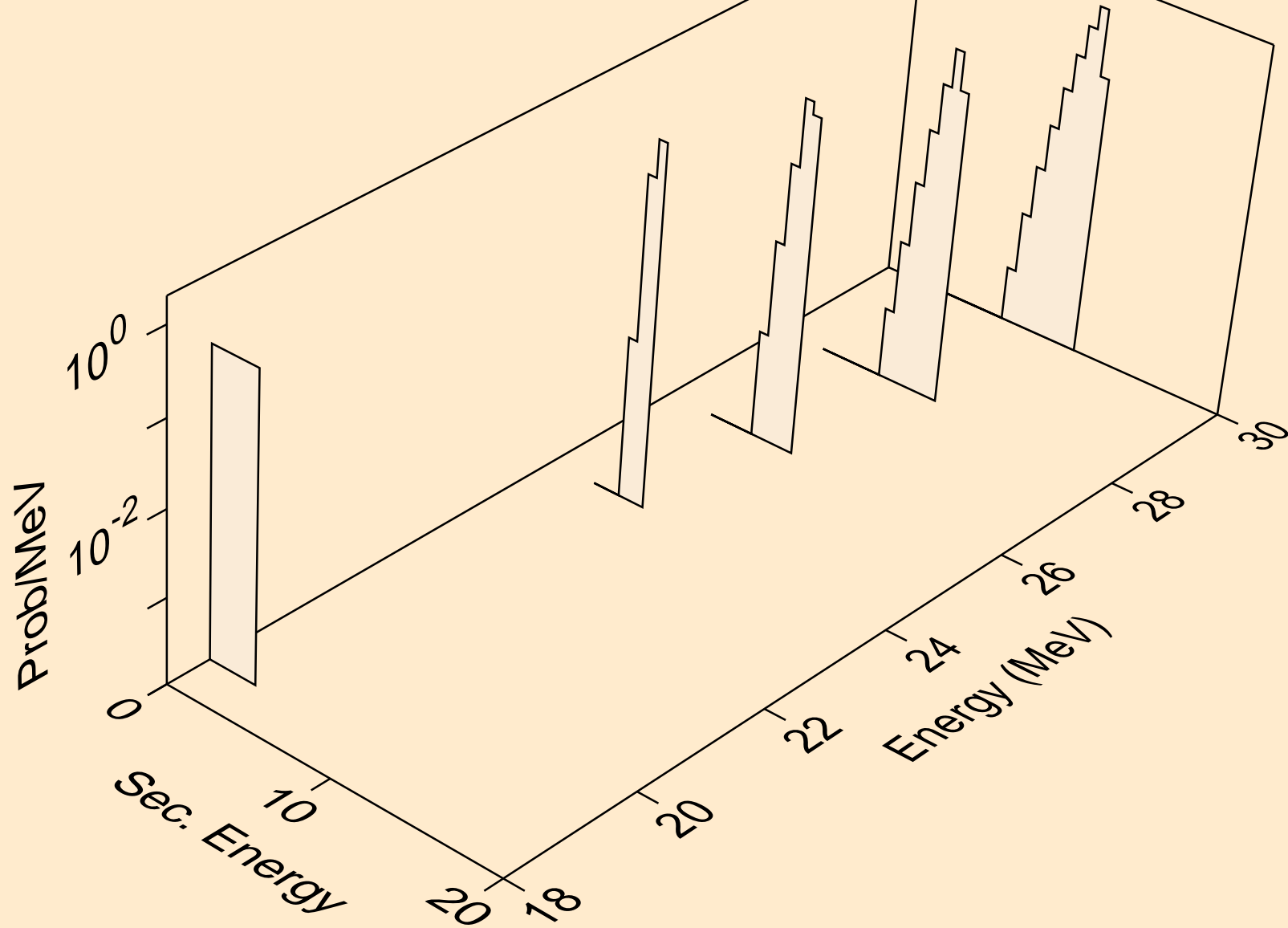




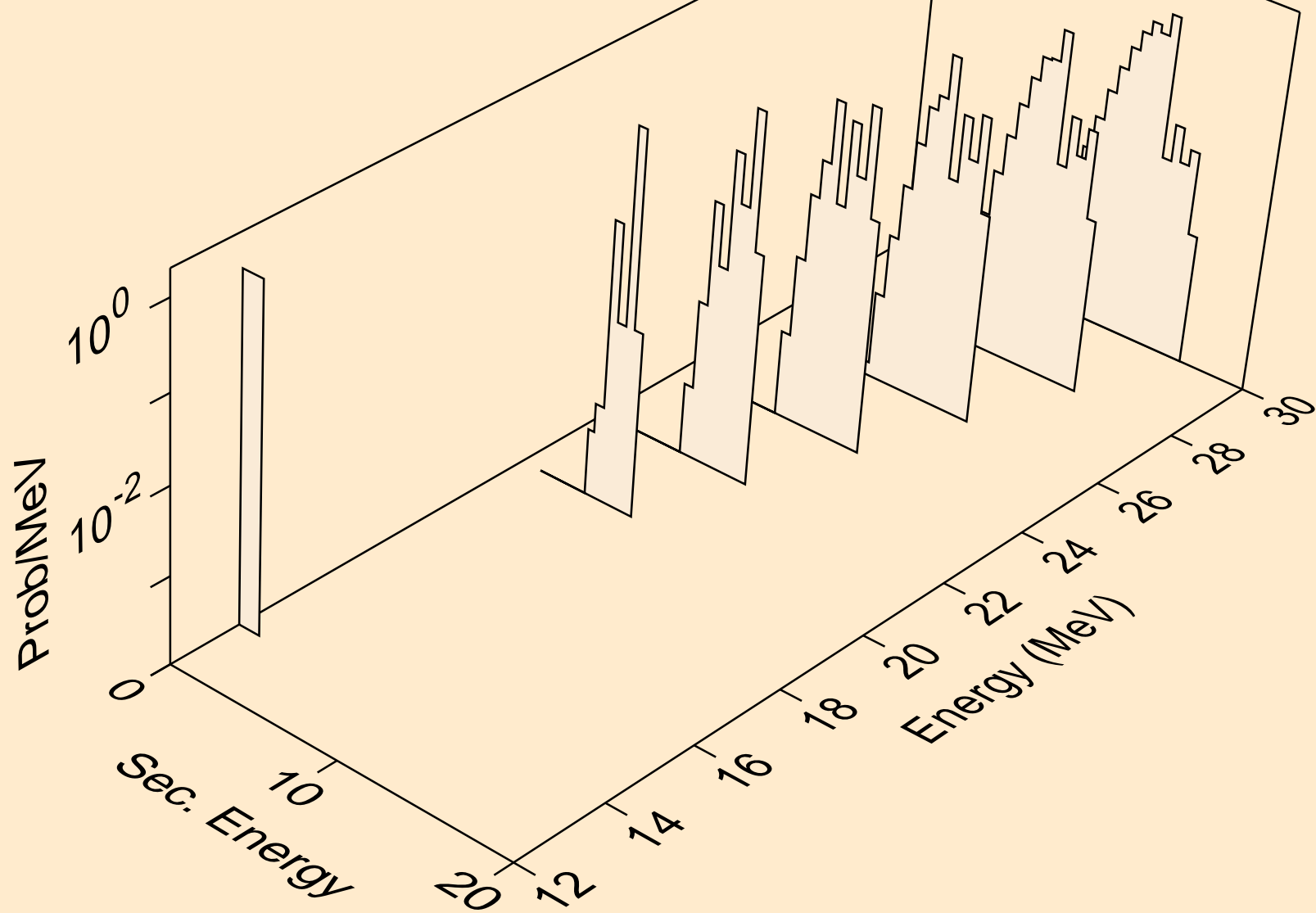
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



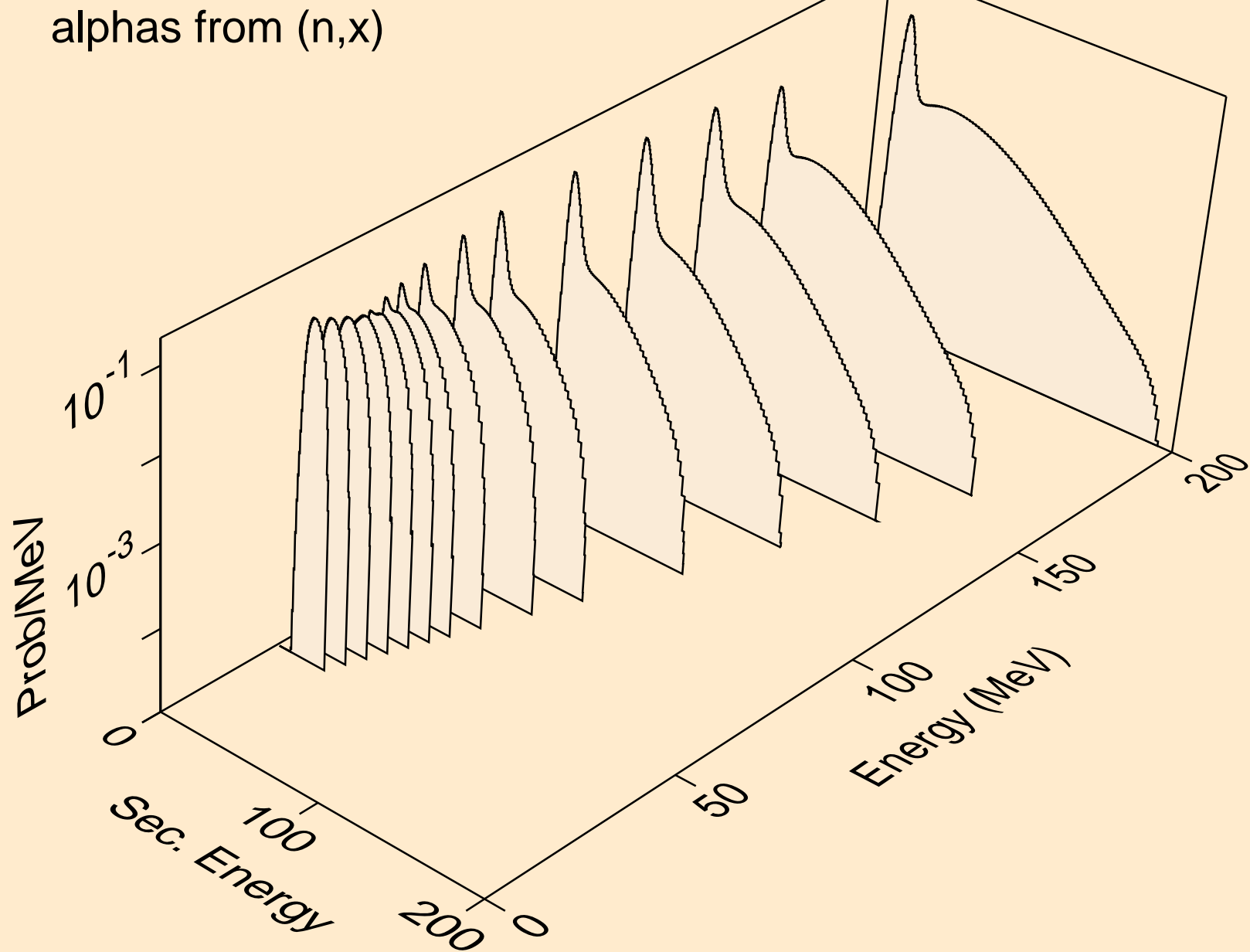
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



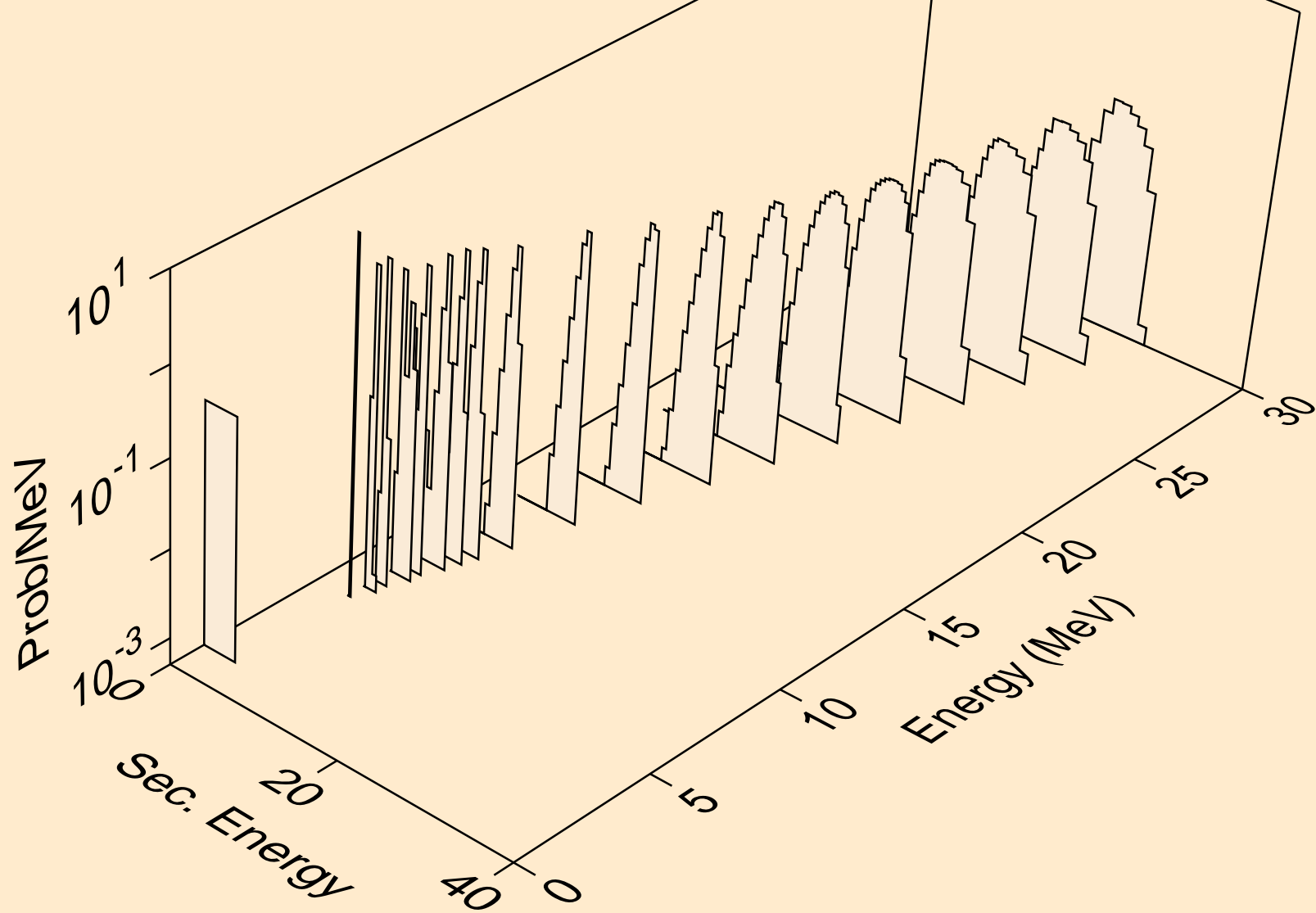
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



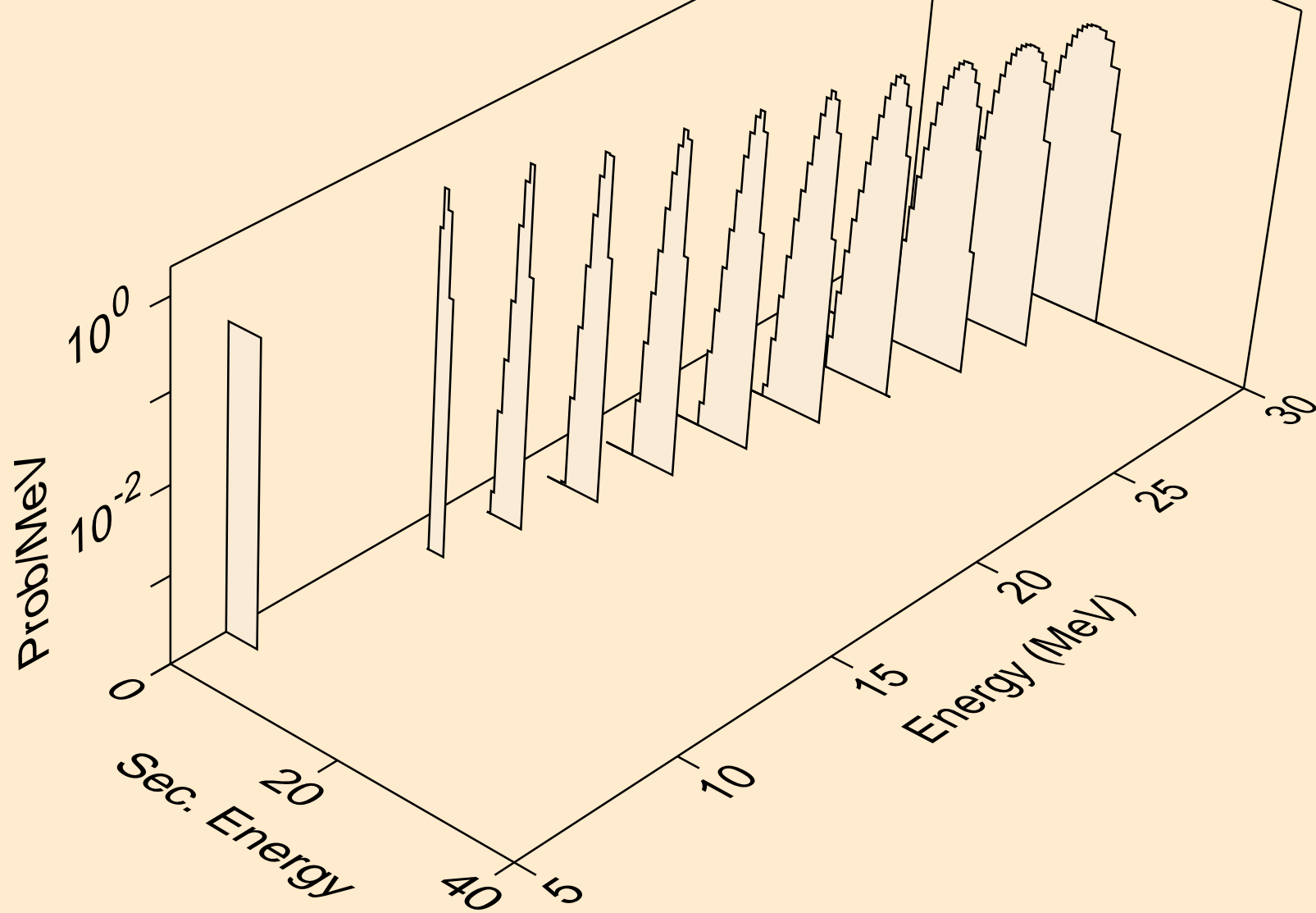
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



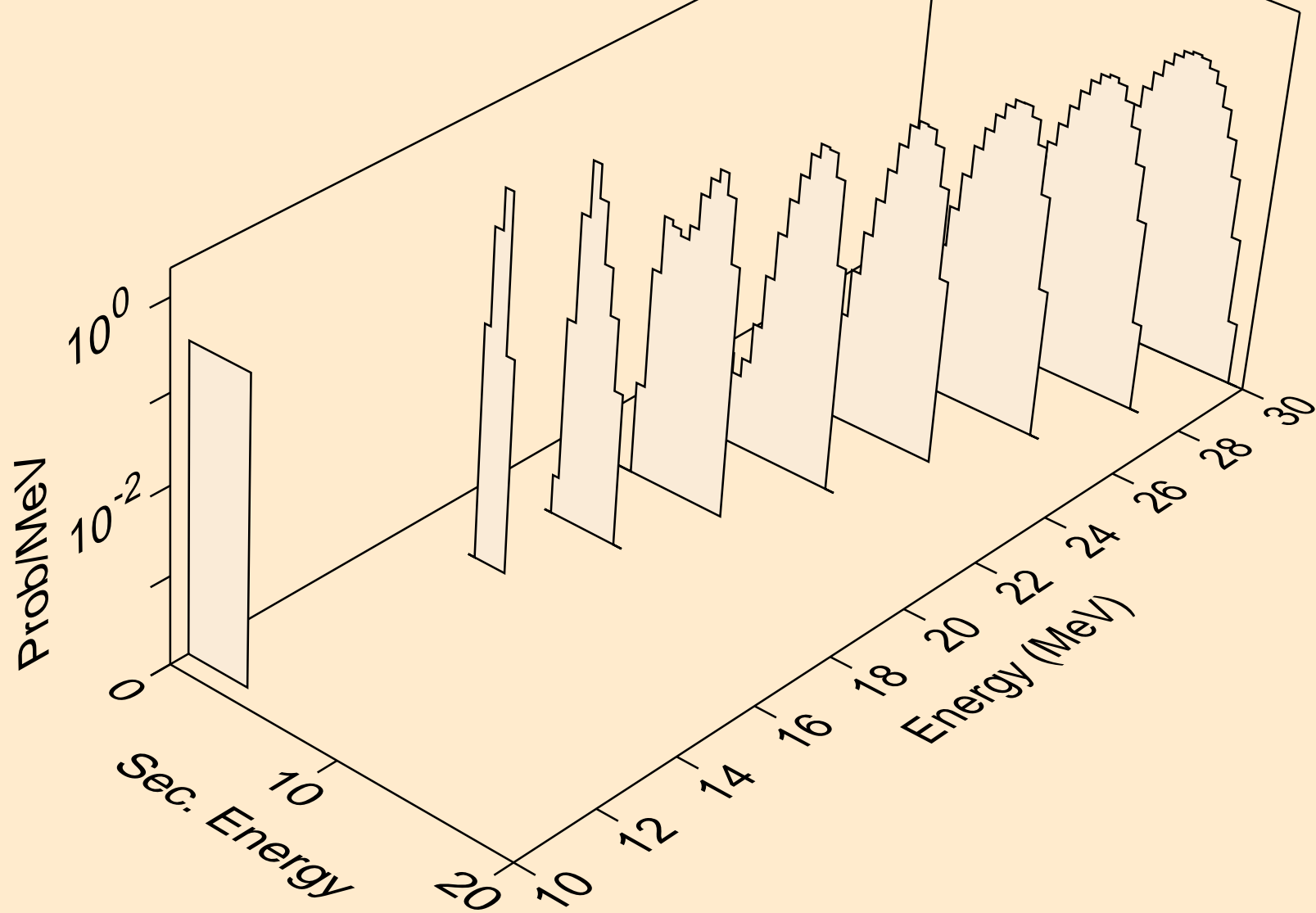
BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



BA144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

